Long-term Temperature Monitoring Program 1983, Scotia-Fundy, Gulf Regions

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Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

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Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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by

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ABSTRACT

Dobson, D. and Petrie, B. 1984. Long-term temperature monitoring program 1983, Scotia-Fundy, Gulf Regions. Can. Data Rep. Hydrogr. Ocean Sci. 22: vi + 406 p.

Temperature data collected in 1983 near the bottom at sites of productive invertebrate fisheries are presented.

RÉSUMÉ

Dobson, D. and Petrie, B. 1984. Long-term temperature monitoring program 1983, Scotia-Fundy, Gulf Regions. Can. Data Rep. Hydrogr. Ocean Sci. 22: vi + 406 p.

On présente des données relatives à la température recueillies, en 1983, à proximité du fond aux endroits où la pêche des invertébrés est productive.

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INTRODUCTION

A pilot program to obtain continuous long term measurements of bottom temperature was initiated in March 1978, primarily at the request of biologists from the St. Andrews Biological Station. Their studies indicate that water temperature has a significant influence on the growth and feeding activity of commercial invertebrates (lobster, crab and scallops). The results of the first year's observations were reported by Gregory and Dobson (Data Series/BI-D-78/September 1978).

We present the data gathered during the 1983 field season in the Scotia-Fundy and Gulf of St. Lawrence areas. Data collection includes input from several sources. Biologists from these regions use instruments which are held at Bedford Institute, rotated and serviced periodically. The St. Andrews group maintain their own instruments.

INSTRUMENTATION

The Ryan Model J thermograph has been used in the program and is described by Gregory and Dobson. The deployment of the moorings is handled by the local fishermen. The basic mooring configuration is shown in Figure 3. Modifications by various users have been to adapt the mooring to local conditions.

MOORING SITES, DATA RETURN AND PROCESSING

The mooring sites have been divided into three areas: 1) Scotia-Fundy, 2) Gulf, 3) Newfoundland. The length of the report has required dividing it into two parts, the Newfoundland data appearing separately. Tables for the mooring locations, with corresponding area maps, follow. Site names, instrument serial numbers, depths, co-ordinates, data length

and location are recorded in the tables where available. Instrument loss or failure is shown in the same format using start-stop time space for remarks.

All data reduction, plotting and calculations were contracted out to Evans Computer Applications Ltd. The analogue charts were digitized every 4 hours to the nearest 0.5°C and calculations are based on these data. The calculations included daily mean temperatures and the accumulated degree days (ADD) starting with the beginning of the record. Reference temperatures, T(ref), of 0°C and 4°C were used. The first and last calculations generally include partial days (prorated to full day values) depending on the time the moorings were set and recovered.

We have: $ADD = \sum(T-T(ref))x time$ where for $T<T(ref)$, $T-T(ref) = 0$ and time is given in days. Table 5 gives a summary of the data return and some of the problems encountered during the field season. Table 6 gives the monthly degree calculations relative to 0°C (dividing by the number of days in a month will give the approximate average monthly temperature).

Instrument recoveries do not always coincide with the calendar year, as in the case of instruments presumed lost and later recovered. Thus, the data reported here include time series from earlier years.

TABLE 1

Area 1 (Scotia-Fundy) Site Destinations

Sta.	Name	Sta.	Name
1.	Grand Manan, N.B.	20.	Lockeport, N.S.
2.	Alma, N.B.	21.	Port Mouton, N.S.
3.	Delaps Cove, N.S.	22.	Stonehurst, N.S.
4.	Port Maitland Fairway, N.S.	23.	1st-2nd Pen. Mahone Bay, N.S.
5.	Trinity Ledge, N.S.	24.	East Dover, N.S.
6.	Lurcher Shoal, N.S.	25.	Pleasant Point Pond, N.S.
7.	Yarmouth Ferry Track, N.S.	26.	Spanish Ship Bay, N.S.
9a.	Argyle Sound, N.S.	27.	New Harbour, N.S.
10.	Mud Island, N.S.	28.	Dorts Cove, N.S.
11.	Pubnico Point, N.S.	29.	Isle Madame, N.S.
12.	Duck Island, N.S.	30.	Fourchu, N.S.
13.	Clarkesville, N.S.	31.	Gabarus, N.S.
14.	Cape Sable, N.S.	32.	Louisbourg Harbour, N.S.
15.	Crowell Basin, N.S.	33.	Main a Dieu, N.S.
16.	SW Browns Bank, N.S.	34.	Seal Island, N.S.
17.	SE Browns Bank, N.S.	35.	Englishtown, N.S.
18.	Port LaTour, N.S.	36.	Wreck Cove
19.	Ingomar, N.S.		

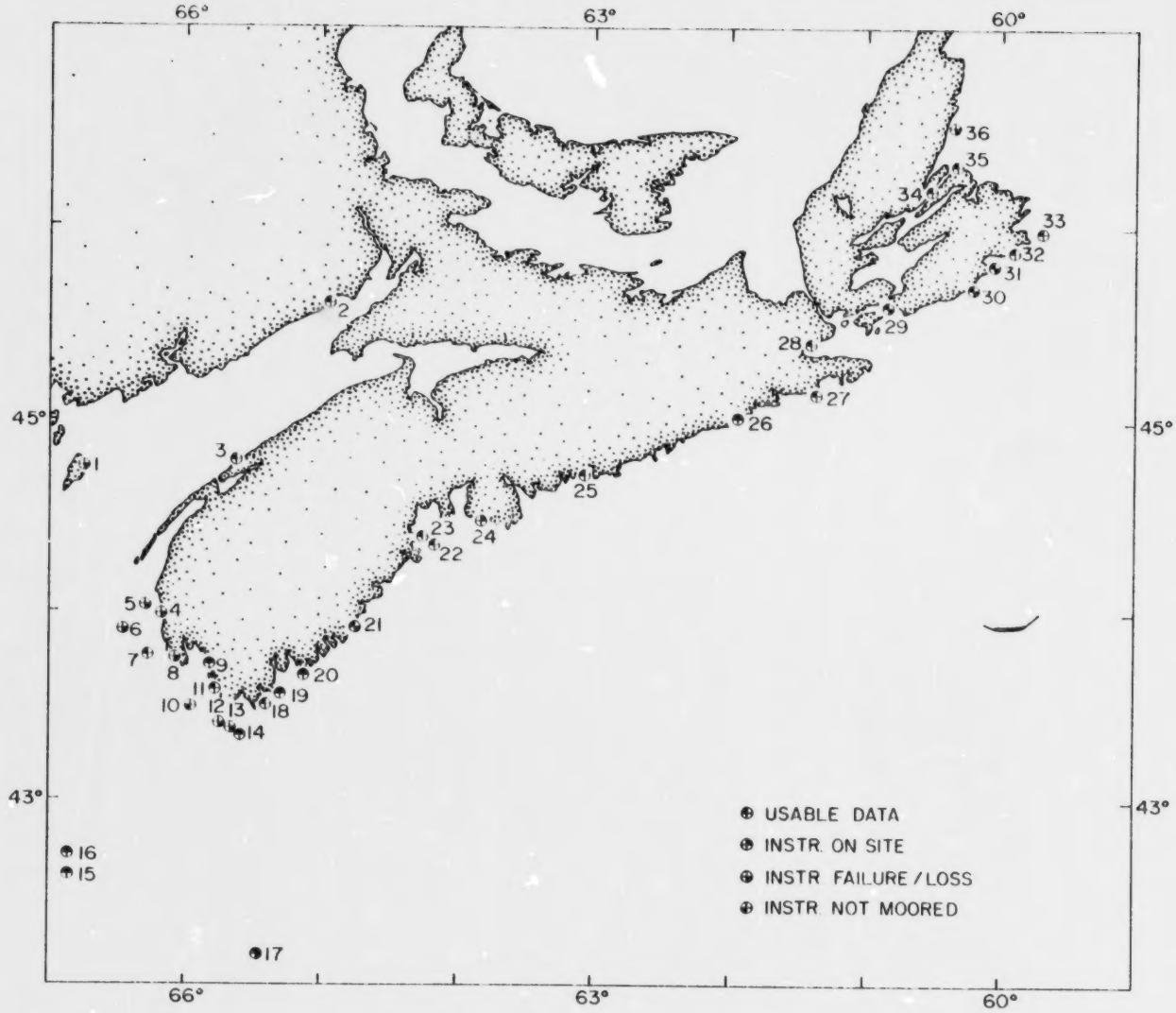


Figure 1 Scotia-Fundy sites

TABLE 2
Area 1 (Scotia-Fundy) Summary

Sta.	Name	Serial	Dp.	Lat.	Long.	Start Time	Stop Time
1	Grand Manan, N.B.	61694	219	44.75	66.75	Moored May,	mech. fail.
2	Alma, N.B.	60465	30	45.60	64.95	June 2/1982	June 29/1982
3	Delaps Cove, N.S.	61636	N/R	44.78	65.63	Apr 26/1983	Aug 24/1983
4	Port Maitland Fairway, N.S.	61445	14	43.99	66.18	Moored March, rep. miss. Sept. - Release gear failure.	
5	Trinity Ledge, N.S.	62466	30	44.02	66.29	Lost - details as preceeding.	
6	Lurcher Shoal, N.S.	62464	48	43.89	66.47	Lost - details as preceeding.	
7	Yarmouth Ferry Track, N.S.	61691	18	43.76	66.27	Dec 24/1981	May 24/1982
8	Green Island, N.S.	62469	48	43.75	66.10	Moored April, rep. miss.	
9A	Argyle Sound - Rankin I., N.S.	61044	7	43.74	65.85	Aug 31/1982	Nov 1/1982
9B	Argyle Sound - Glenwood, N.S.	61669	7	43.81	65.88	Aug 29/1982	Jan 11/1983
9C	Argyle Sound - Glenwood	62448	7	43.81	65.88	Feb 9/1983	July 7/1983
9D	Argyle Sound - Rankin I., N.S.	62912	N/R	43.74	65.85	Del. Oct., on site.	
10	Mud Island, N.S.	62458	N/R	43.49	65.96	Del. Mar, ret. unused Jul.	
11	Pubnico Point, N.S.	67476	1	43.59	65.81	Mar 30/1983	June 10/1983
12	Duck Island, N.S.	62450	N/R	43.40	65.76	Del. Mar., rep. miss.	
13	Clarkesville, N.S.	62495	N/R	43.40	65.70	Del. May, data unusable.	
14A	Cape Sable, N.S.	62547	24	43.36	65.63	Dec 10/1982	May 21/1983
14B	Cape Sable, N.S.	62488	24	43.36	65.63	May 21/1983	Aug 22/1983
14C	Cape Sable, N.S.	61673	24	43.36	65.63	Del. Nov., on site.	
15A	Crowell Basin, N.S.	61694	220	42.60	66.83	Dec 15/1982	Feb 22/1983
15B	Crowell Basin, N.S.	62541	220	42.60	66.83	Moored Dec., on site.	
16A	SW Browns Bank, N.S.	62550	192	42.72	66.68	Dec 9/1982	Dec 31/1982
16B	SW Browns Bank, N.S.	61682	219	42.67	66.83	Apr 28/1983	July 22/1983
16C	SW Browns Bank, N.S.	61682	173	42.58	66.93	Aug 11/1983	Aug 23/1983
16D	SW Browns Bank, N.S.	61048	174	42.67	66.87	Aug 22/1983	Sept 11/1983
16E	SW Browns Bank, N.S.	62906	174	42.67	66.87	Moored Dec., on site.	
17A	SE Browns Bank, N.S.	62550	274	42.17	65.58	Apr 6/1983	Apr 13/1983
17B	SE Browns Bank, N.S.	61669	293	42.17	65.33	May 24/1983	June 20/1983
17C	SE Browns Bank, N.S.	61669	130	42.33	65.25	Reported missing.	
17D	SE Browns Bank, N.S.	62901	150	42.33	65.25	Moored Dec., on site.	
	N.S. Offshore	62925				Del. July, rep. miss. Oct.	
	N.S. Offshore	61691				Del. July, rep. miss. Oct.	
18	Port LaTour, N.S.	62461	21	43.49	65.43	Mar 18/1983	Aug 25/1983

TABLE 2 (CONT'D)

Sta.	Name	Serial	Dp.	Lat.	Long.	Start Time	Stop Time
19A	Ingomar, N.S.	62491	4	43.53	65.31	Apr 26/1983	Sept 26/1983
19B	Ingomar, N.S.	62493	40	43.53	65.31	Moored Oct., on site.	
20A	Lockeport, N.S.	62553	17	43.64	65.12	Oct 28/1982	Mar 15/1983
20B	Lockeport, N.S.	61664	17	43.64	65.12	Mar 15/1983	Mar 28/1983
20C	Lockeport, N.S.	60753	17	43.64	65.12	Del. Aug., on site.	
21A	Port Mouton, N.S.	62555	3	43.92	64.83	Nov 12/1982	Dec 8/1982
21B	Port Mouton, N.S.	61634	18	43.90	64.85	Dec 21/1982	May 31/1983
21C	Port Mouton, N.S.	62547	18	43.90	64.85	Del. May, ret. Nov. Mech. fail.	
22	Stonehurst, N.S.	62546	11	44.37	64.19	Apr 1/1983	Sept 16/1983
23A	1st-2nd Pen. Mahone B., N.S.	62916	8	44.38	64.26	July 28/1983	Oct 25/1983
23B	1st-2nd Pen. Mahone B., N.S.	62893	11	44.38	64.30	July 28/1983	Oct 25/1983
24A	East Dover, N.S.	62453	2	44.55	63.83	Moored Dec., on site.	
24B	East Dover, N.S.	62865	17	44.55	63.83	Moored Dec., on site.	
24C	East Dover, N.S.	60914	2	44.55	63.83	Moored Dec., on site.	
24D	East Dover, N.S.	61618	10	44.55	63.83	Moored Dec., on site.	
25	Pleasant Point Pond, N.S.	61055	3	44.72	63.08	Oct 27/1982	Mar 14/1983
26A	Spanish Ship Bay, N.S.	60908	2	45.02	62.02	July 21/1983	Oct 14/1983
26B	Spanish Ship Bay, N.S.	62915	2	45.02	62.02	Del. Oct., on site.	
	Eastern Shore, N.S.	62876				Del. Oct., on site.	
	Eastern Shore, N.S.	62507				Del. Oct., on site.	
	Eastern Shore, N.S.	62895				Del. Oct., on site.	
	Eastern Shore, N.S.	62896				Del. Oct., on site.	
	Eastern Shore, N.S	61050				Del. May, no report.	
27A	New Harbour, N.S.	60991	19	45.13	61.38	Apr 21/1983	May 12/1983
27B	New Harbour, N.S.	62453	20	45.13	61.38	Aug 25/1983	Oct 27/1983
27C	New Harbour, N.S.	62510	N/R	45.13	61.38	Damaged in transit.	
28	Dorts Cove, N.S.	62917	19	45.36	61.43	May 28/1983	Oct 16/1983
29A	Isle Madame, N.S.	61734	18	45.60	60.95	May 28/1983	Sept 8/1983
29B	Isle Madame, N.S.	62550	18	45.60	60.95	Del. July, rep. miss. Oct.	
30A	Fourchu, N.S.	62463	22	45.69	60.20	May 2/1983	July 17/1983
30B	Fourchu, N.S.	62887	117	45.70	60.41	Del. Aug., rep. miss. Oct.	
31A	Gabarus, N.S.	62903	36	45.81	60.05	Aug 1/1983	Aug 31/1983
31B	Gabarus, N.S.	62909	N/R	45.81	60.05	Del. Jul., rep. miss. Sept.	
32	Louisbourg Harbour, N.S.	62542	8	45.91	59.97	Sept 7/1983	Oct 27/1983
33	Main a Dieu, N.S.	60860	11	45.99	59.75	May 25/1983	Aug 1/1983

TABLE 2 (CONT'D)

Sta.	Name	Serial	Dp.	Lat.	Long.	Start Time	Stop Time
34A	Seal Island, N.S.	61659	8	46.19	60.55	Oct 14/1982	Apr 16/1983
34B	Seal Island, N.S.	61663	8	46.19	60.55	Jan 25/1983	Apr 12/1983
34C	Seal Island, N.S.	62468	6	46.19	60.55	May 11/1983	July 16/1983
34D	Seal Island, N.S.	62501	9	46.19	60.55	Aug 4/1983	Sept 21/1983
35	Englishtown, N.S.	61676	11	46.30	60.36	June 21/1983	Sept 23/1983
36A	Wreck Cove	61657	N/R	46.50	60.35	Del. April, rep. miss.	
36B	Wreck Cove	61625	N/R	46.50	60.35	Lost in transit, June.	

TABLE 3

Area 2 (Gulf) Site Destinations

Sta.	Name	Sta.	Name
37.	Bayfield, N.S.	58.	Escuminac, N.B.
38.	Pictou Island, N.S.	59.	Val Comeau, N.B.
39.	Toney River, N.S.	60.	Shippegan, N.B.
40.	Victoria, P.E.I.	61.	Caraquet, N.B.
41.	Borden, P.E.I.	62.	Carleton, N.B.
42.	Cape Egmont, P.E.I.	63.	Paspebiac, P.Q.
43.	Egmont Bay, P.E.I.	64.	Grande-Riviere, P.Q.
44.	Shediac, N.B.	65.	Grande Greve (Forillon). P.Q.
45.	West Point, P.E.I.	66.	Marsoui, P.Q.
46.	Richibucto, N.B.	67.	St. Anne des Monts, P.Q.
47.	Miminegash, P.E.I.	68.	Pointe-au-Pere, P.Q.
48.	Tignish, P.E.I.	69.	Riviere du Loup, P.Q.
49.	North Rustico, P.E.I.	70.	Pointe des Monts, P.Q.
50.	North Lake, P.E.I.	71.	Havre St. Pierre, P.Q.
51.	Souris, P.E.I.	72.	Natashquan, P.Q.
52.	Beach Point, P.E.I.	73.	La Tabatiere, P.Q.
53.	Pleasant Bay, N.S.	74.	Blanc Sablon, P.Q.
54.	Margaree Harbour, N.S.	75.	Parsons Pond, Nfld.
55.	Grande Entree Magdalenes, P.Q.	76.	Bonne Bay, Nfld.
56.	Havre aux Maisons Magdalenes, P.Q.	77.	Lark Harbour, Nfld.
		78.	Port au Port Bay, Nfld.
57A.	Ile d'Entre Magdalenes, P.Q.	79.	St. Georges Bay, Nfld.

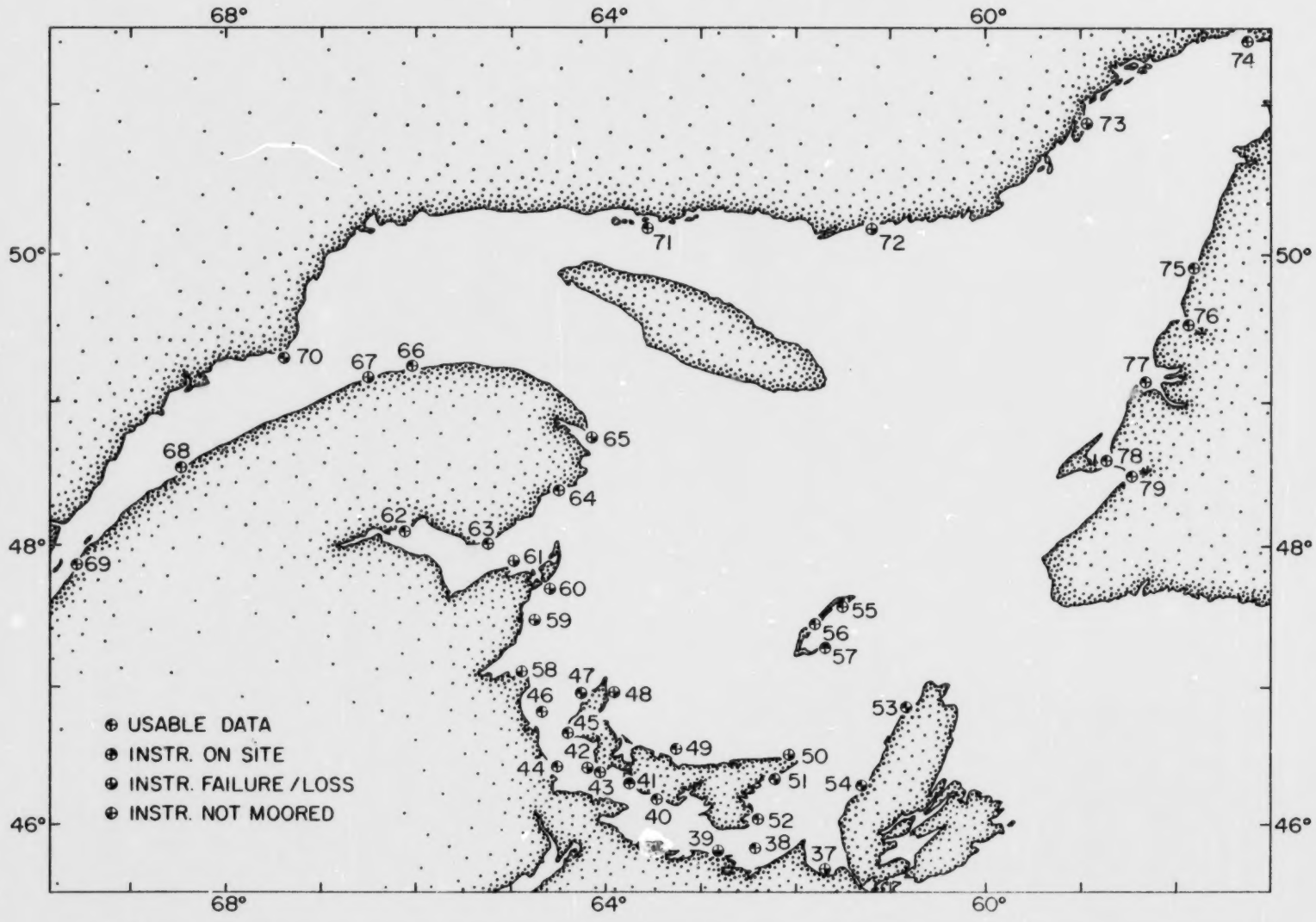


Figure 2 Gulf sites

TABLE 4
Area 2 (Gulf) Summary

Sta.	Name	Serial	Dp.	Lat.	Long.	Start Time	Stop Time
37	Bayfield, N.S.	62553	22	45.65	61.70	Del. May, rep. miss. Sept.	
38	Pictou Island, N.S.	61689	19	45.81	62.45	May 20/1983	Aug 21/1983
39	Toney River, N.S.	62484	9	45.80	62.83	Del. April, rep. miss. Sept.	
40	Victoria P.E.I.	61638	11	46.18	63.48	Apr 28/1983	Sept 15/1983
41A	Borden, P.E.I.	62873	0	46.32	63.73	June 23/1983	Nov 23/1983
41B	Bordon, P.E.I.	61055	0	46.32	63.73	Del. Nov. 21. On site.	
42	Cape Egmont, P.E.I.	62541	N/R	46.39	64.18	Del. May. Damaged in transit.	
43	Egmont Bay, P.E.I.	62913	12	46.38	64.13	May 18/1983	Sept 3/1983
44	Shediac, N.B.	62915	19	46.39	64.51	May 18/1983	Oct 4/1983
45	West Point, P.E.I.	62467	11	46.66	64.40	May 31/1983	Sept 29/1983
46	Richibucto, N.B.	62876	19	46.80	64.67	May 16/1983	Sept 27/1983
47A	Miminegash, P.E.I.	61677	23	46.91	64.33	July 25/1980	Jan 1/1981
47B	Miminegash, P.E.I.	61677	100	46.91	64.33	Del. June, rep. miss. Nov. - Release gear failure.	
48	Tignish, P.E.I.	60461	16	46.93	63.93	Del. May, rep. miss. Oct.	
49	North Rustico, P.E.I.	62874	18	46.55	63.27	June 30/1983	Oct 18/1983
50A	North Lake, P.E.I.	61686	16	46.50	62.08	Del. June, rep. miss. Sept.	
50B	North Lake, P.E.I.	62875	16	46.50	62.08	Del. May, rep. miss. Aug.	
51A	Souris, P.E.I.	61666	19	46.35	62.23	June 5/1983	Nov 7/1983
51B	Souris, P.E.I.	61625	19	46.35	62.23	Moored May - damaged.	
52	Beach Point, P.E.I.	61618	14	46.03	62.43	June 9/1983	Oct 11/1983
53A	Pleasant Bay, N.S.	62549	21	46.84	60.83	May 28/1983	June 28/1983
53B	Pleasant Bay, N.S.	62927	100	46.80	60.90	Moored May, rep. miss. Sept. - Release gear failure.	
54A	Margaree Harbour, N.S.	61613	20	46.33	61.35	June 6/1983	Aug 21/1983
54B	Margaree Harbour, N.S.	61613	104	46.31	61.42	Moored Jun, rep. miss. Sept. - Release gear failure.	
55	Grande Entree Mag., P.Q.	62497	5	47.57	61.53	June 15/1983	Oct 21/1983
56A	Havre aux Maisons Mag., P.Q.	62866	3	47.41	61.87	June 30/1983	Nov 3/1983
56B	Havre aux Maisons Mag., P.Q.	62502	5	47.42	61.83	June 16/1983	Oct 25/1983
57A	Ile d'Entree Mag., P.Q.	61690	0	47.27	61.70	June 21/1983	Oct 28/1983
57B	Ile d'Entree Mag., P.Q.	61684	0	47.27	61.70	Del. Nov. 25, on site.	
	Gros Ile Mag., P.Q	61044	19	47.40	61.85	Del. May. Data not sent.	
	Etang du Nord Mag., P.Q.	62487	N/R	47.40	61.85	Del. May, still in water.	

TABLE 4 (CONT'D)

Sta.	Name	Serial	Dp.	Lat.	Long.	Start Time	Stop Time
	Magdalenes, P.Q.	61633	N/R	47.40	61.85	Del. May. No report.	
	Magdalenes, P.Q.	62456	N/R	47.40	61.85	Del. May, still in water.	
58	Escuminac, N.B.	62476		47.09	64.88	Del. May, ret. unused.	
59	Val Comeau, N.B.	62922	23	47.47	64.75	Moored May, release fail.	
60	Shippegan, N.B.	62924	20	47.69	64.60	Moored May, rep. miss. Nov. - Release gear failure.	
61A	Caraquet, N.B.	62923	10	47.88	64.97	Moored May, release fail.	
61B	Caraquet, N.B.	62928	72	47.99	65.00	Moored May, rep. miss. Nov. - Release gear failure.	
62	Carleton, P.Q.	62862	7	48.08	66.12	May 12/1983	Oct 17/1983
63	Paspebiac, P.Q.	62858	10	48.02	65.25	May 12/1983	Oct 20/1983
64	Grande-Riviere, P.Q.	62861	10	48.38	64.50	May 13/1983	Oct 20/1983
65	Grande Greve (Forillon), P.Q.	62868	N/R	48.75	64.15	Moored May, rep. miss. Oct.	
66	Marsoui, P.Q.	62869	9	49.22	66.06	May 13/1983	Oct 21/1983
67A	St Anne des Monts, P.Q.	62860	N/R	49.15	66.50	Moored May, presumed stolen.	
67B	St Anne des Monts, P.Q.	62867	N/R	49.15	66.50	Moored May, presumed stolen.	
68	Pointe-au-Pere, P.Q.	62864	8	48.52	68.47	May 17/1983	Oct 26/1983
69	Riviere du Loup, P.Q.	62863	7	47.85	69.57	May 20/1983	Oct 25/1983
70A	Pointe des Monts, P.Q.	62905	7	49.32	67.38	June 13/1983	Aug 24/1983
70B	Riv. Grande Trinite, P.Q.	62900	N/R	49.32	67.38	June 1/1983	July 29/1983
70C	Riv. Petit, Mai, P.Q.	62908	N/R	49.32	67.38	Moored June, rep. stolen Nov.	
70D	Riv. Petite Trinite, P.Q.	62898	13	49.32	67.38	June 17/1983	Aug 26/1983
70E	Riv. Petite Trinite, P.Q.	62897	1	49.32	67.38	June 17/1983	Aug 25/1983
70F	Riv. Grand Calumet, P.Q.	62902	N/R	49.32	67.38	July 31/1983	Aug 25/1983
70G	Riv. Grand Calumet, P.Q.	62900	N/R	49.32	67.38	July 31/1983	Aug 25/1983
70H	Riv. Grand Calumet, P.Q.	62899	N/R	49.32	67.38	June 23/1983	Aug 25/1983
71A	Havre St. Pierre, P.Q.	62871	10	50.18	63.58	June 10/1983	Sept 30/1983
71B	Havre st. Pierre, P.Q.	62865	36	50.20	63.57	June 10/1983	Spet 27/1983
72	Natashquan, P.Q.	62459	13	50.18	61.21	Moored Aug., rep. miss. Dec.	
73	La Tabatiere, P.Q.	61648	N/R	50.87	58.94	Del. July, rep. lost Aug.	
74	Blanc Sablon, P.Q.	62540	16	51.42	57.22	July 27/1983	Dec 2/1983
75	Parsons Pond, Nfld.	61655	19	49.88	57.75	May 13/1983	Aug 29/1983
76	Bonne Bay, Nfld.	62551	19	49.50	57.89	June 9/1983	Oct 13/1983
77	Lark Harbour, Nfld.	61468	19	49.12	58.35	June 10/1983	Sept 19/1983

TABLE 4 (CONT'D)

Sta.	Name	Serial	Dp.	Lat.	Long.	Start Time	Stop Time
78	Port au Port Bay, Nfld.	62480	19	48.57	58.73	May 17/1983	Sept 12/1983
79	St. Georges Bay, Nfld.	61673	19	48.47	58.47	May 16.1983	Sept 14/1983
	West Coast, Nfld.	62508				Del. July, ret. Oct. Unusable data.	
	West Coast, Nfld.	62458				Del. June, damaged moorings.	
	West Coast, Nfld.	61688				Del. April, damaged on moorings.	
	West Coast, Nfld.	61650				Del. Jul, ret. Oct. Mech. failure.	
	West Coast, Nfld.	61624				Moored July, instrument flooded.	

TABLE 5

Summary of Data Return and Loss

	Scotia-Fundy	Gulf
Deployments	55	58
Usable data (d)	3449	4319
Inst. lost	10	11
Inst. lost due to release gear failure	3	7
Total inst. lost	13	18
Average mooring period (days)	66	75
Inst. lost x ave. mooring period (d)	594	1350
% data return (losses omitted)	88	93
% data return (losses incl.)	77	72
Inst. with mech. failure	6	3
Inst. adrift but recovered	0	2
Lost or damaged in transit	2	1
Damaged upon mooring	-	3

(Scotia-Fundy) Monthly Degree Calculations relative to 0°C

Location	Dp.	82/09	82/10	82/11	82/12	83/01	83/02	83/03	83/04	83/05	83/06	83/07	83/08	83/09	83/10
Delaps Cove, N.S.										163	220	281	308*		
Argyle Sound-Rankin Is., N.S.	7	463	367												
Argyle Sound-Glenwood, N.S.	7	491	349	228	80	23*									
Argyle Sound - Glenwood, N.S.	7							63	160	287	385				
Pubnico Point, N.S.	1								97	200					
Cape Sable, N.S.	24				138*	99	46	44	77	156	212	242	326*		
Crowell Basin, N.S.	220				217*	212	182								
S W Browns Bank, N.S.	192				246*										
S W Browns Bank, N.S.	219									243*	231*	248*			
S W Browns Bank, N.S.	173												250	250*	
S E Browns Bank, N.S.	293										242*				
Port LaTour, N.S.	21							11*	36	105	151	172	272*		
Ingomar, N.S.	40									148	245	272	386	406*	
Lockeport, N.S.	17			243	142	81	26	48							
Port Mouton, N.S.	3			242*											
Port Mouton, N.S.	18				118*	92	27		21	85					
Stonehurst, N.S.	11								48	123	182	225	356	374*	
1st-2nd Peninsula Mahone Bay, N.S.	8												497	488	438*
1st-2nd Peninsula Mahone Bay, N.S.	11												490	475	412*
Pleasant Point Pond, N.S.	3			227	48	46	30	21*							
Spanish Ship Bay, N.S.	2											489*	501	489	445*
New Harbour, N.S.	19									9*					
New Harbour, N.S.	20													363	369*
Dorts Cove, N.S.	19										193	317	387	420	398*
Isle Madame, N.S.	18										216	341	416		
Fourchu, N.S.	22									63*	159	223*			
Gabarus, N.S.	36												239		
Louisbourg Harbour, N.S.	8													397*	359*
Main a Dieu, N.S.	11										170	271			
Seal Island, N.S.	8		335*	247	121	44	5	11	78*						
Seal Island, N.S.	8						2	5	18*						
Seal Island, N.S.	6									511*	509	507*			
Seal Island, N.S.	9												551*	514*	
Englishtown, N.S.	11										373*	467	509	464*	

* designates calculations based on less than a full month's data

(Gulf) Monthly Degree calculations relative to 0°C

Location	Dp.	83/05	83/06	83/07	83/08	83/09	83/10	83/11
Grand Entree - Lagune Mag., P.Q.	5		402*	486	489	433	346*	
Havre aux Maisons - Lagune, M.A.	3			483	486	425	302	
Havre aux Maisons - Lagune, M.A.	5		359*	480	485	428	320*	
Ile d'Entree, Mag., P.Q.			391*	449	461	422	350*	
North Rustico, P.E.I.	18			142	187	171	178*	
Pleasant Bay, N.S.	21		196*					
Margaree Harbour, N.S.	20		212*	346*	258*			
Souris, P.E.I.	19		241*	335	374	382	358	
Beach Point, P.E.I.	14		402*	507	499	462	401*	
Pictou Island, N.S.	19	155*	321	493	513*			
Victoria, P.E.I.	11	245	401	549	538	496*		
Borden, P.E.I.				508	563	495	364	179*
Shediac, N.B.	19	220*	309*	496	547	495		
Egmont Bay, P.E.I.	12	424*	472	562	538			
West Point, P.E.I.	11		304	479	459	431		
Richibucto, N.B.	19	170*	253	436	400	383*		
Carleton, P.Q.	7	123*	222*	324	325	286	263*	
Paspebiac, P.Q.	10	101*	178	322	333	277	274*	
Grande-Riviere, P.Q.	10	79*	186	329	358	267	232*	
Marsoui, P.Q.	9	110*	248	330	364	270	214*	
Pointe-au-Pere, P.Q.	8	96*	181	223	217	175	137*	
Riviere du Loup, P.Q.	7	156*	260	370	414	491	638*	
Pointe des Monts, P.Q.	7		138*	152	140*			
Riviere Grand Trinite, P.Q.			394	549*				
Riviere Petite Trinite, P.Q.	13		537*	484	464*			
Riviere Petite Trinite, P.Q.	1		555*	537	549*			
Riviere Grand Calumet, P.Q.	3			485	472			
Havre St. Pierre, P.Q.	10		72*	92	176	240		
Havre St. Pierre, P.Q.	36		46*	61	125	191*		
Blanc Sablon, P.Q.	16				252	165	169	39
Parsons Pond, Nfld.	19	106*	234	375	422*			
Bonne Bay, Nfld.	19		260*	363	403	399	436*	
Lark Harbour, Nfld.	19		278*	393	416	392*		
Port au Port Bay, Nfld.	19	159*	185	324	381	388*		
St. Georges Bay, Nfld.	19	119*	208	383	403	381*		

* designates calculations based on less than a full month's data

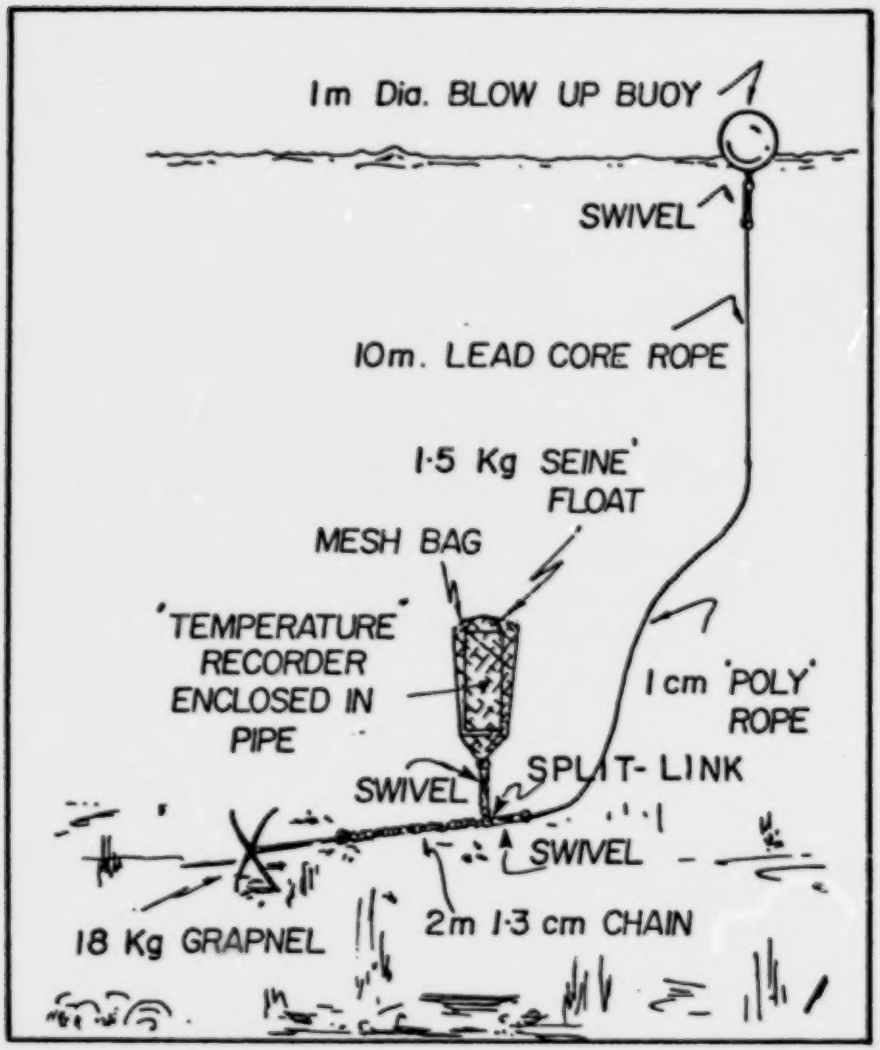


Figure 3 Mooring Diagram for Temperature Recorder. Several sites had a timed-release mechanism that would release a buoyed line to the surface after 6 months.

SECTION 8

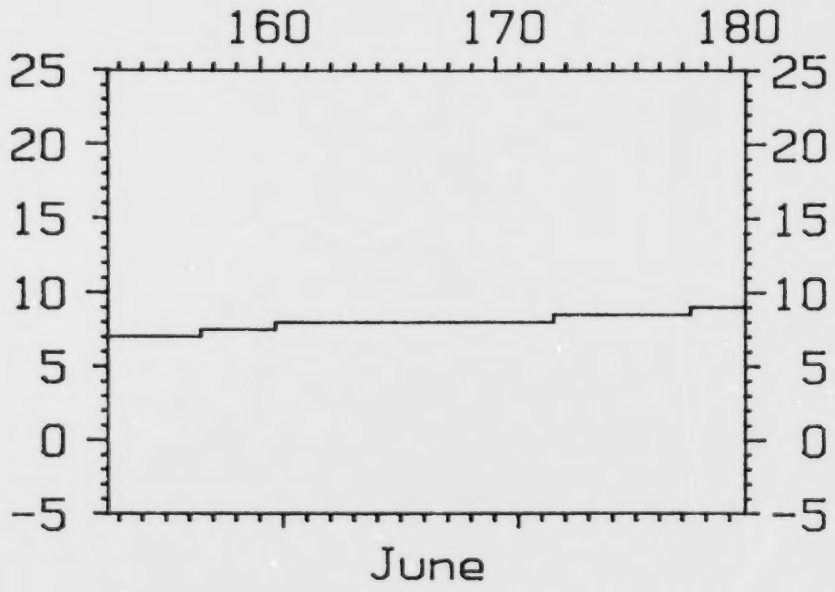
AREA 1: SCOTIA-FUNDY

TEMPERATURE RECORDS

ALMA N. B.

Pos. : 45. 6, 64. 95 Depth : 30 meters

June 2, 1982 12: 00 GMT to June 29, 1982 16: 00 GMT



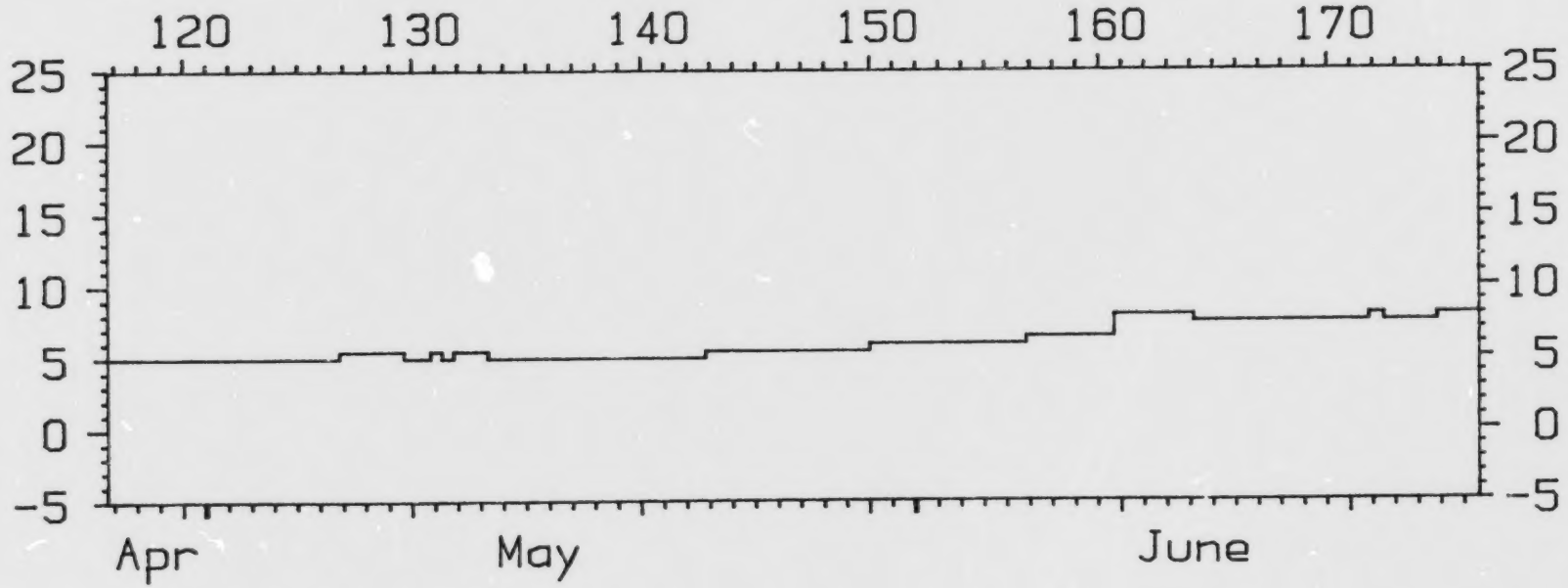
Instrument : 60465

Station 2

DELAPS COVE NS. (Page 1)

Pos. : 44.78, 65.63

Apr 26, 1983 16:00 GMT to June 25, 1983 16:00 GMT



Instrument : 61636

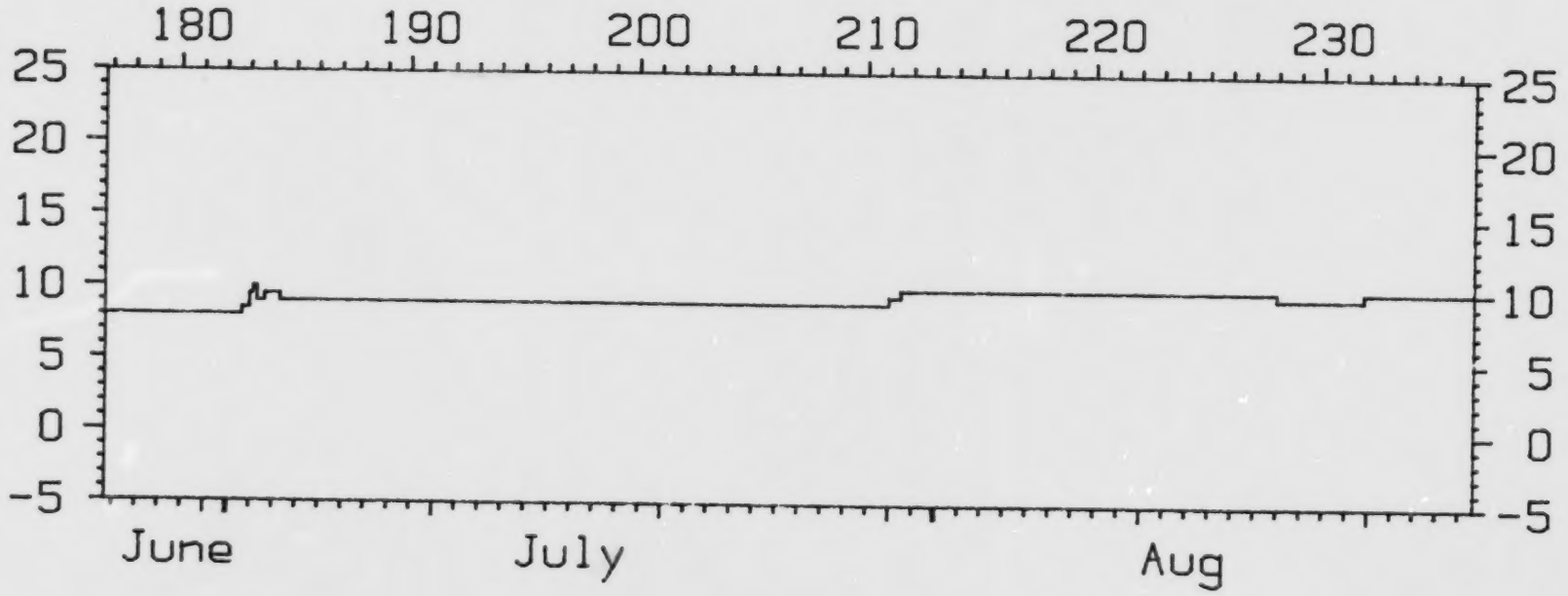
NO DEPTH RECORDED

Station 3

DELAPS COVE NS. (Page 2)

Pos. : 44.78, 65.63

June 25, 1983 16:00 GMT to Aug 24, 1983 16:00 GMT



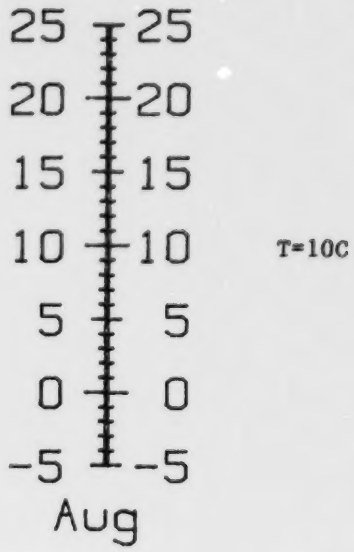
Instrument : 61636

NO DEPTH RECORDED

DELAPS COVE NS. (Page 3)

Pos. : 44.78, 65.63

Aug 24, 1983 16:00 GMT to Aug 24, 1983 20:00 GMT



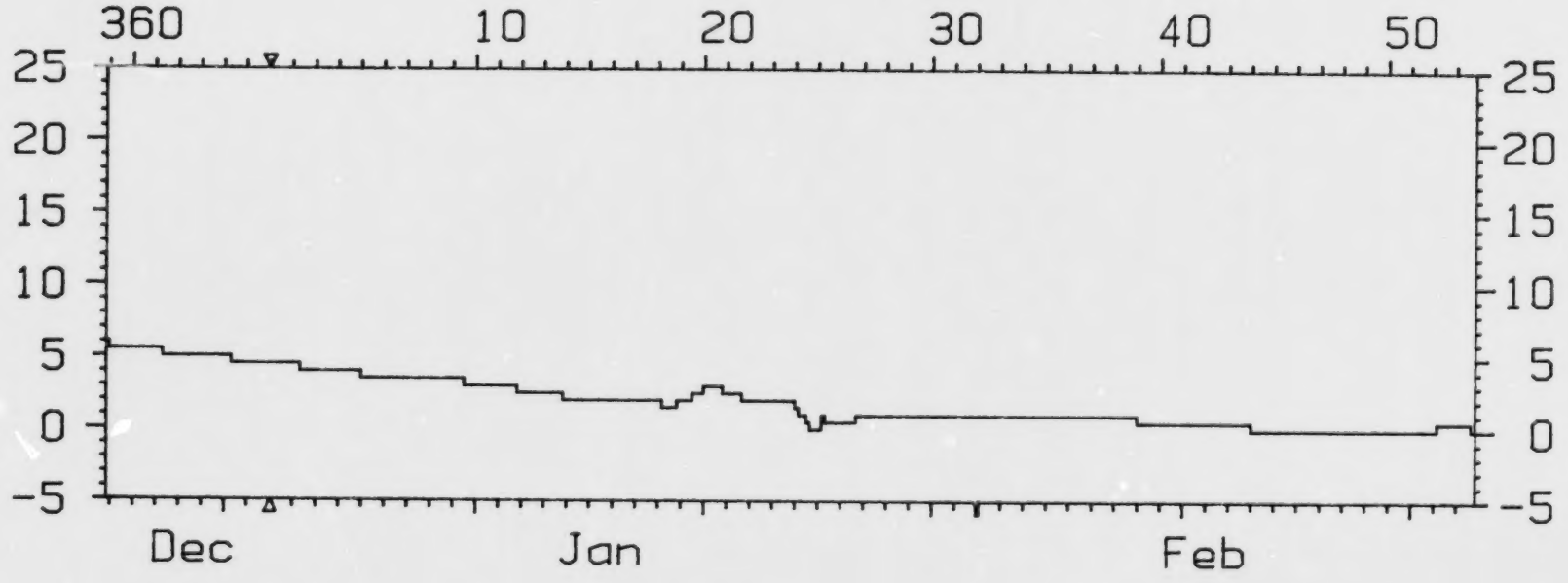
Instrument : 61636

NO DEPTH RECORDED

YARMOUTH FERRY TRACK N. S. (Page 1)

Pos. : 43.76, 66.27 Depth : 18 meters

Dec 24, 1981 20:00 GMT to Feb 22, 1982 20:00 GMT



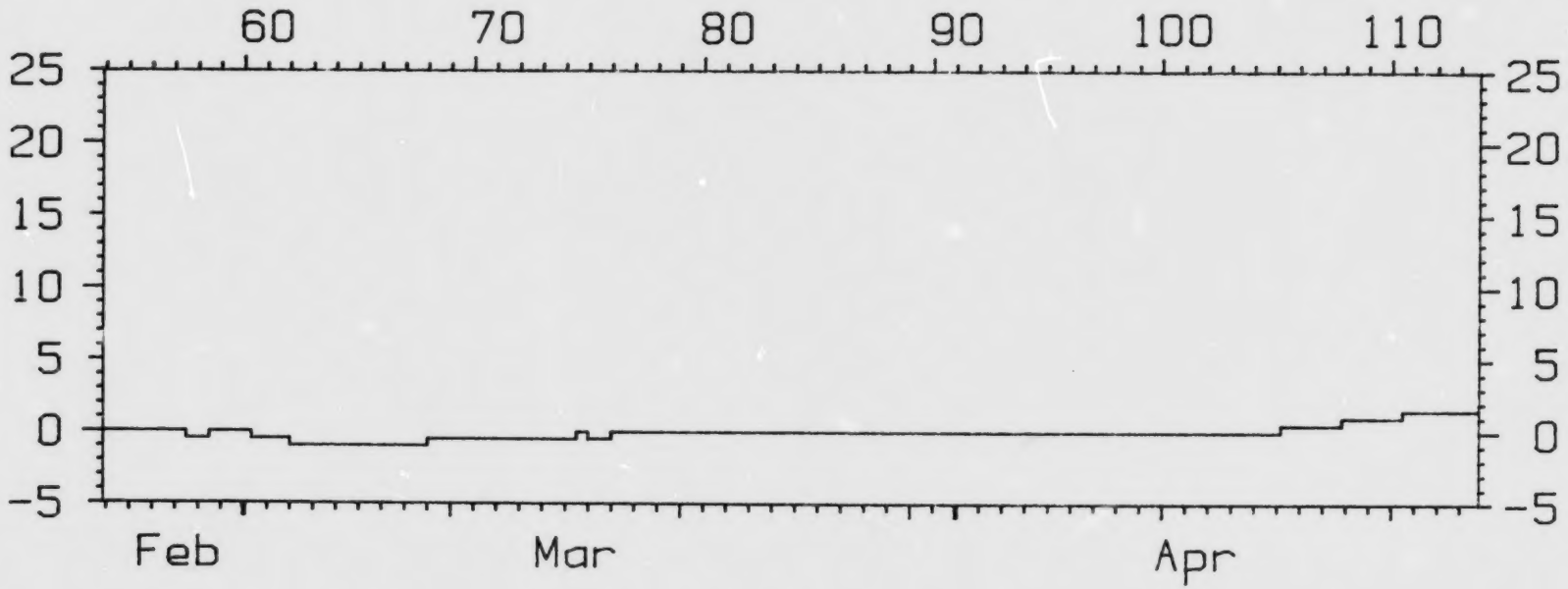
Instrument : 61691

Station 7

YARMOUTH FERRY TRACK N. S. (Page 2)

Pos. : 43. 76, 66. 27 Depth : 18 meters

Feb 22, 1982 20: 00 GMT to Apr 23, 1982 20: 00 GMT

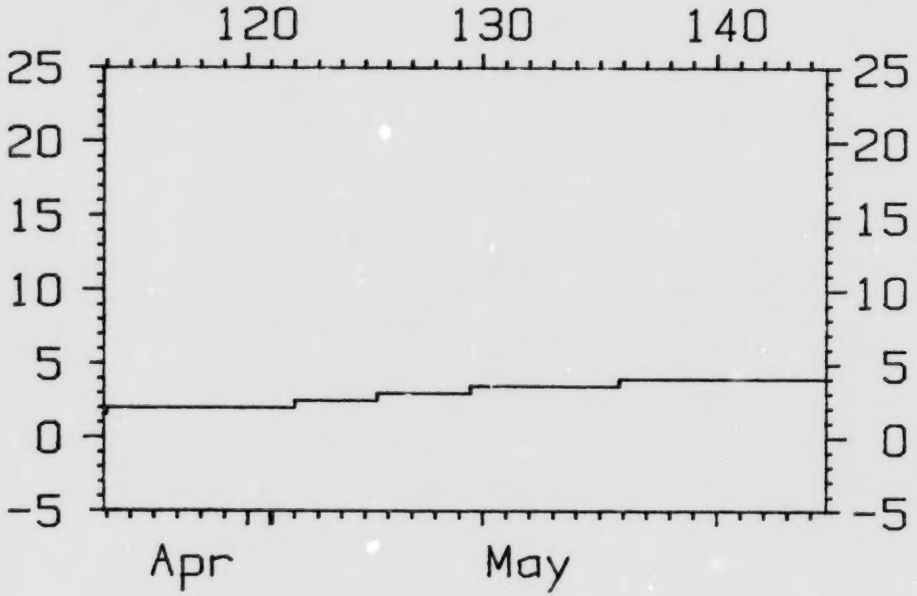


Instrument : 61691

YARMOUTH FERRY TRACK N. S. (Page 3)

Pos. : 43.76, 66.27 Depth : 18 meters

Apr 23, 1982 20:00 GMT to May 24, 1982 16:00 GMT

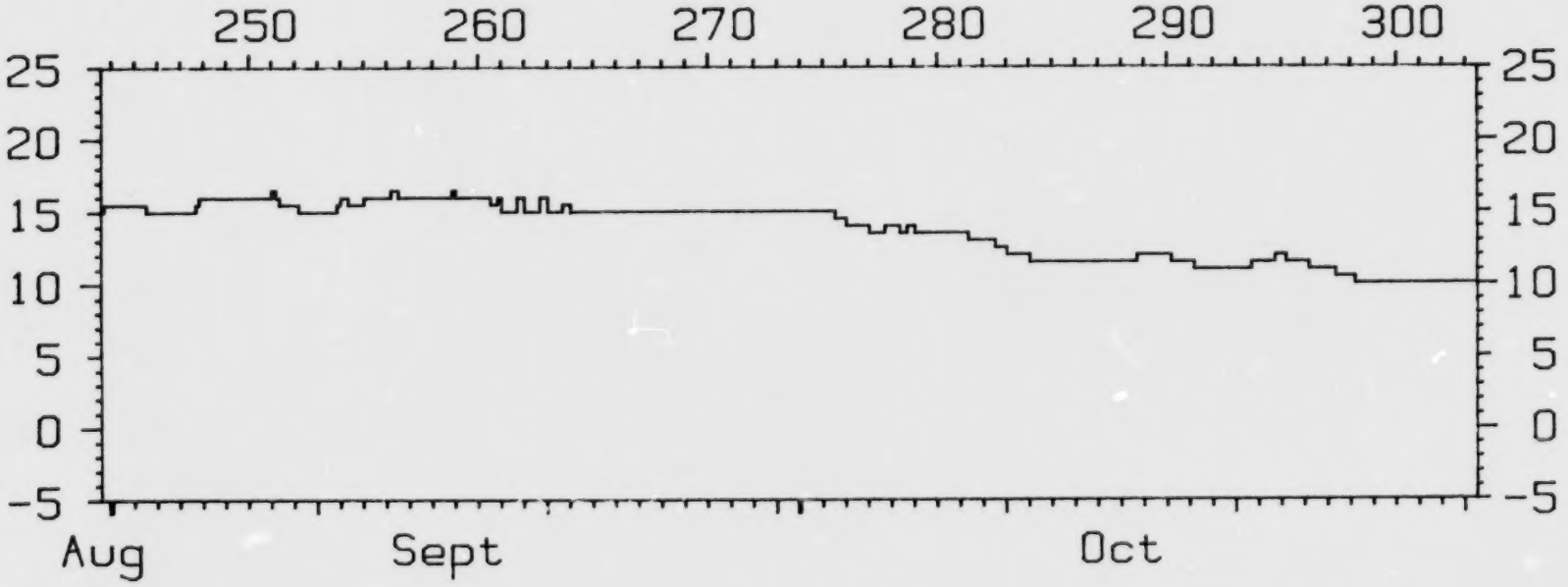


Instrument : 61691

ARGYLE SOUND-RANKIN IS. NS (Page 1)

Pos. : 43.74, 65.85 Depth : 7 meters

Aug 31, 1982 13:00 GMT to Oct 30, 1982 13:00 GMT



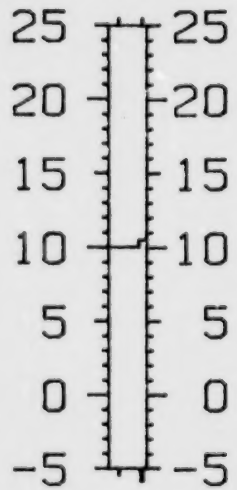
Instrument : 61044

Station 9A

ARGYLE SOUND-RANKIN IS. NS (Page 2)

Pos. : 43.74, 65.85 Depth : 7 meters

Oct 30, 1982 13:00 GMT to Nov 1, 1982 05:00 GMT

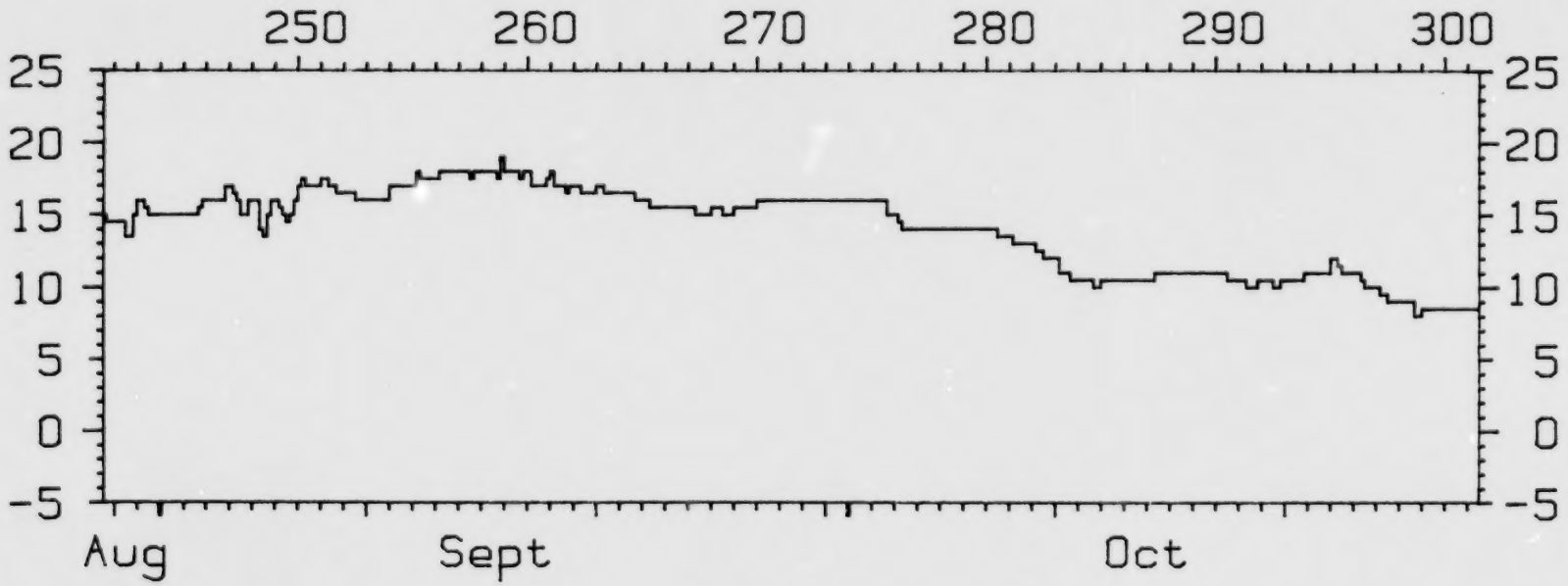


Instrument : 61044

ARGYLE SOUND-GLENWOOD NS (Page 1)

Pos. : 43.81, 65.88 Depth : 7 meters

Aug 29, 1982 12:00 GMT to Oct 28, 1982 12:00 GMT



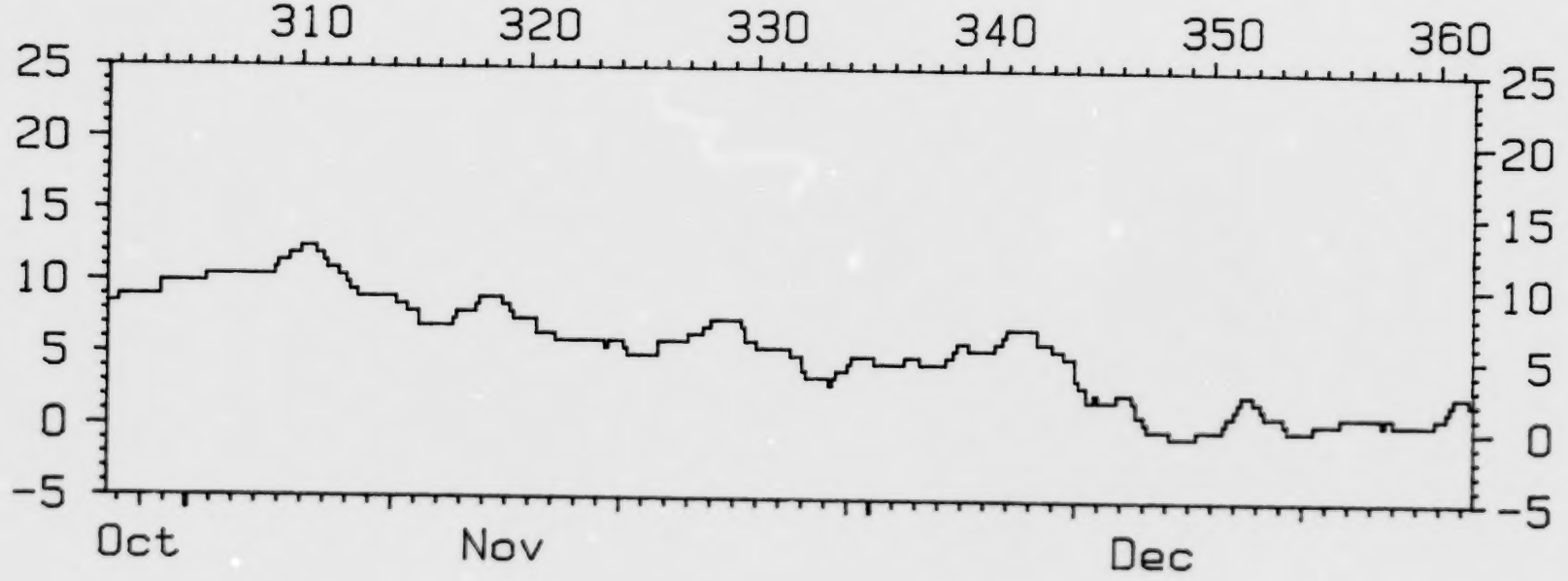
Instrument : 61669

Station 9B

ARGYLE SOUND-GLENWOOD NS (Page 2)

Pos. : 43.81, 65.88 Depth : 7 meters

Oct 28, 1982 12:00 GMT to Dec 27, 1982 12:00 GMT

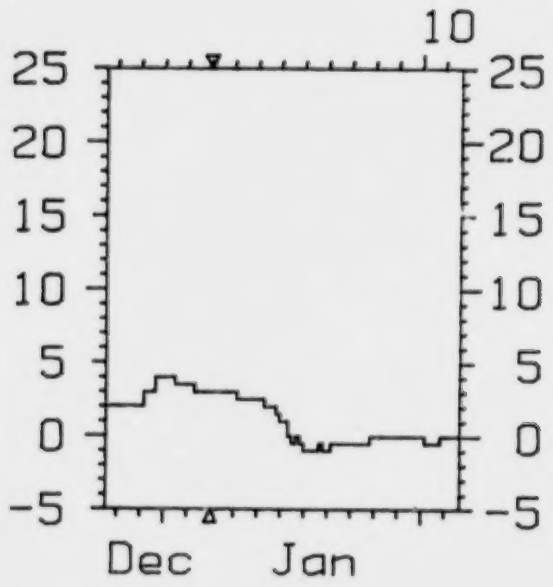


Instrument : 61669

ARGYLE SOUND-GLENWOOD NS (Page 3)

Pos. : 43.81, 65.88 Depth : 7 meters

Dec 27, 1982 12:00 GMT to Jan 11, 1983 16:00 GMT

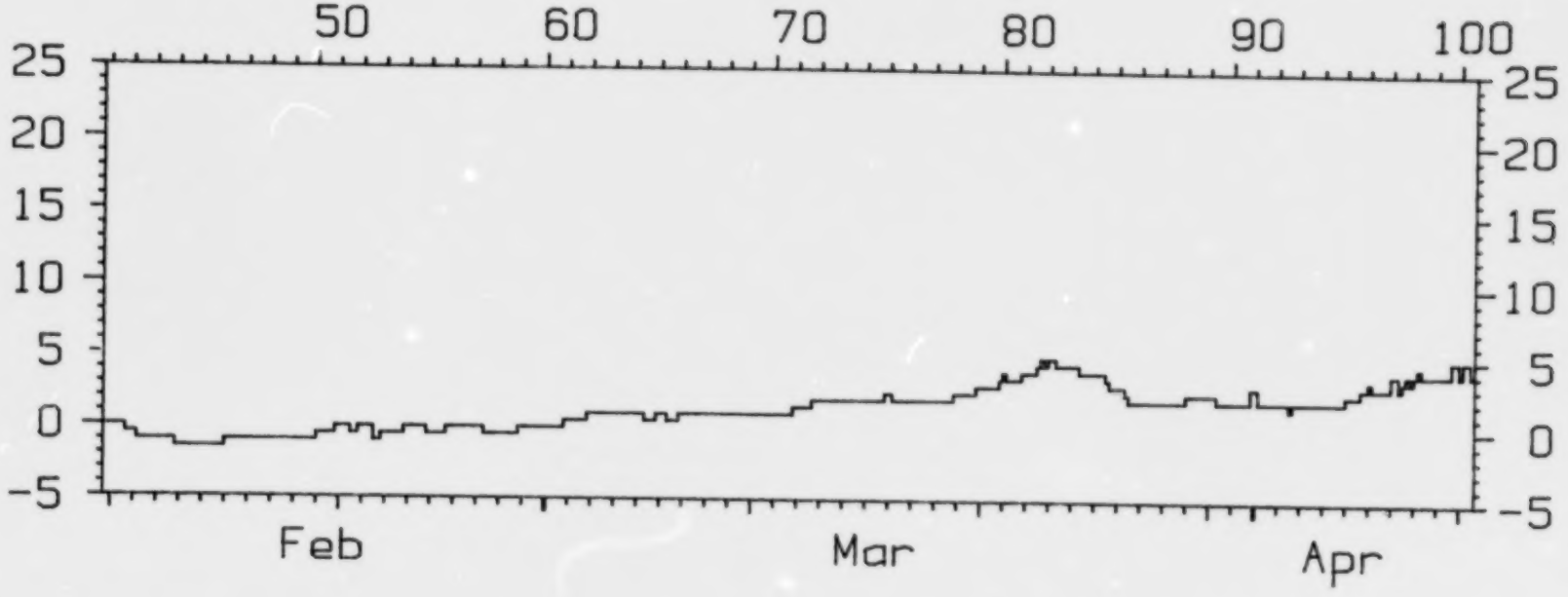


Instrument : 61669

ARGYLE SOUND - GLENWOOD NS (Page 1)

Pos. : 43.81, 65.88 Depth : 7 meters

Feb 9, 1983 16:00 GMT to Apr 10, 1983 16:00 GMT



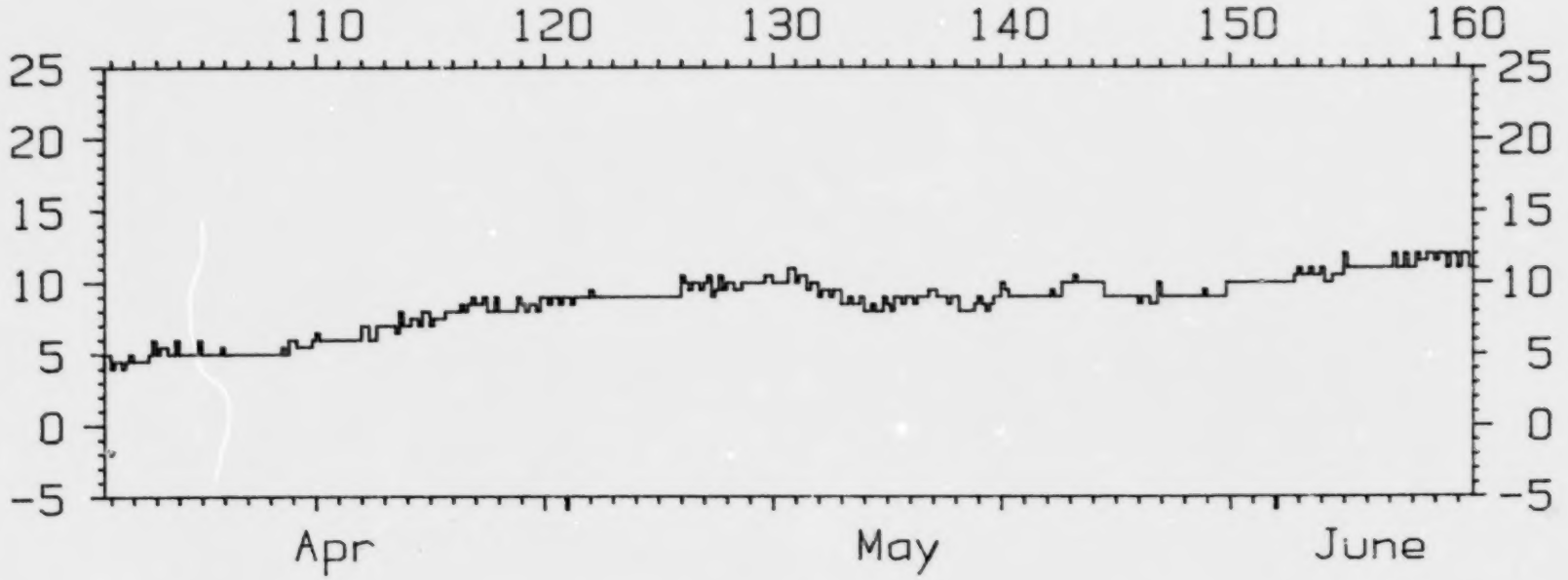
Instrument : 62448

Station 9C

ARGYLE SOUND - GLENWOOD NS (Page 2)

Pos. : 43.81, 65.88 Depth : 7 meters

Apr 10, 1983 16:00 GMT to June 9, 1983 16:00 GMT

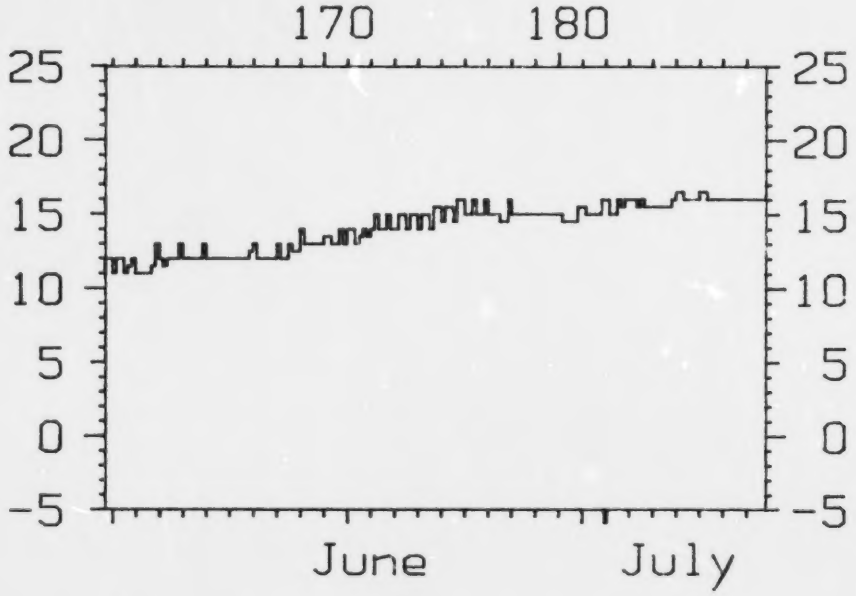


Instrument : 62448

ARGYLE SOUND - GLENWOOD NS (Page 3)

Pos. : 43.81, 65.88 Depth : 7 meters

June 9, 1983 16:00 GMT to July 7, 1983 20:00 GMT

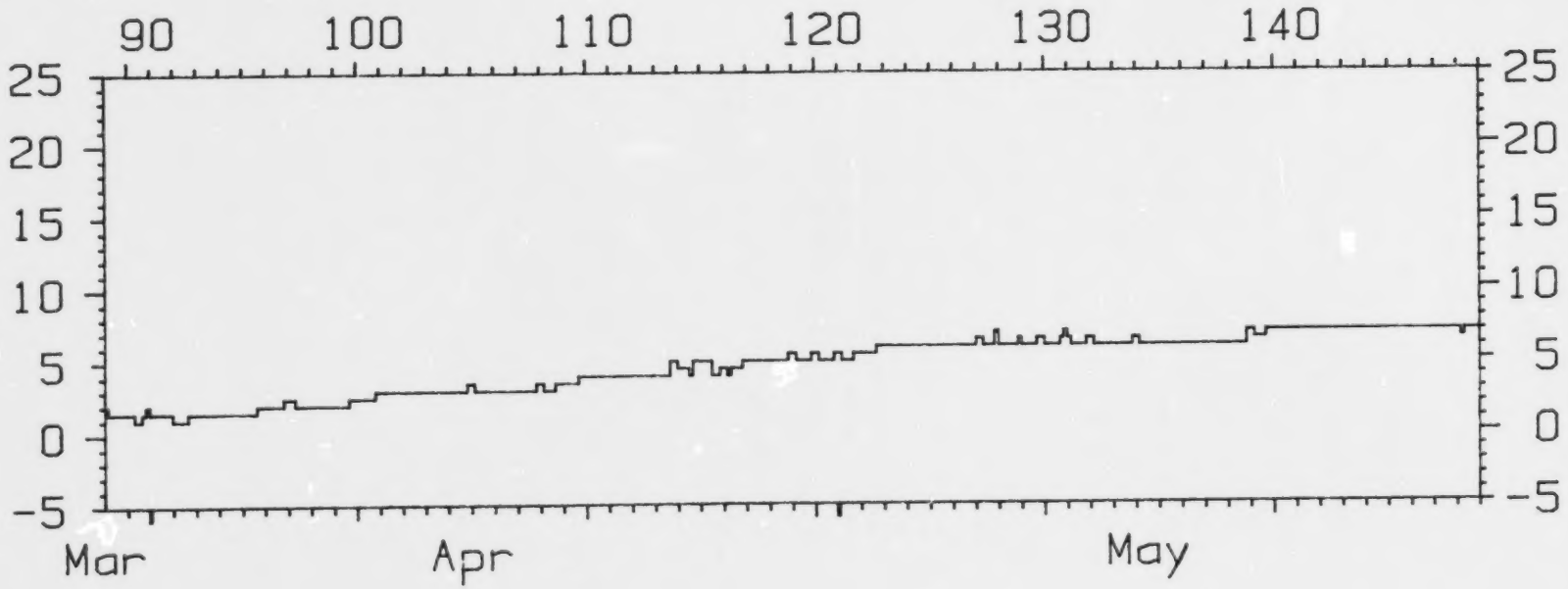


Instrument : 62448

PUBNICO POINT NS (Page 1)

Pos. : 43.59, 65.81 Depth : 1 meter

Mar 30, 1983 00:00 GMT to May 29, 1983 00:00 GMT



Instrument : 67476

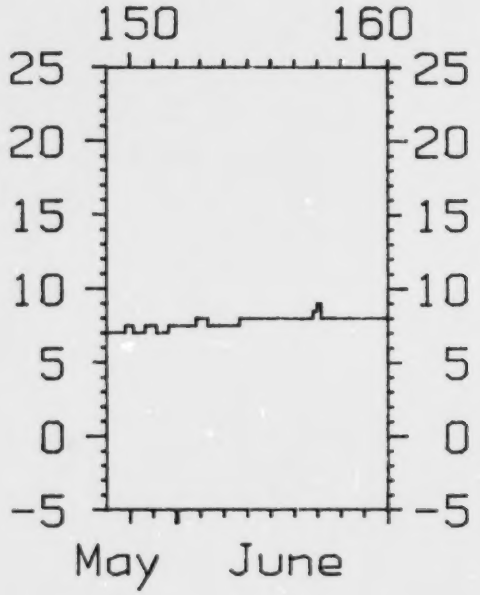
INTERTIDAL ZONE 0-2 METERS.

Station 11

PUBNICO POINT NS (Page 2)

Pos. : 43.59, 65.81 Depth : 1 meter

May 29, 1983 00:00 GMT to June 10, 1983 00:00 GMT



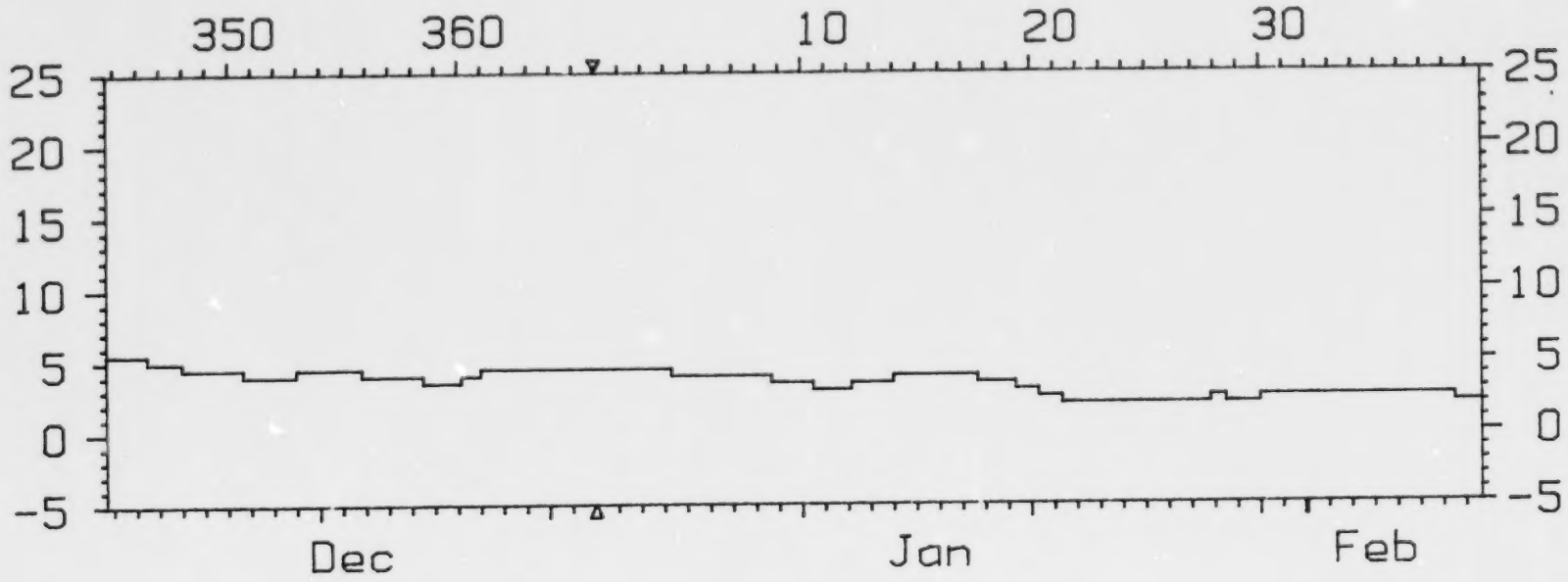
Instrument : 67476

INTERTIDAL ZONE 0-2 METERS.

CAPE SABLE NS (Page 1)

Pos. : 43.36, 65.63 Depth : 24 meters

Dec 10, 1982 16:00 GMT to Feb 8, 1983 16:00 GMT



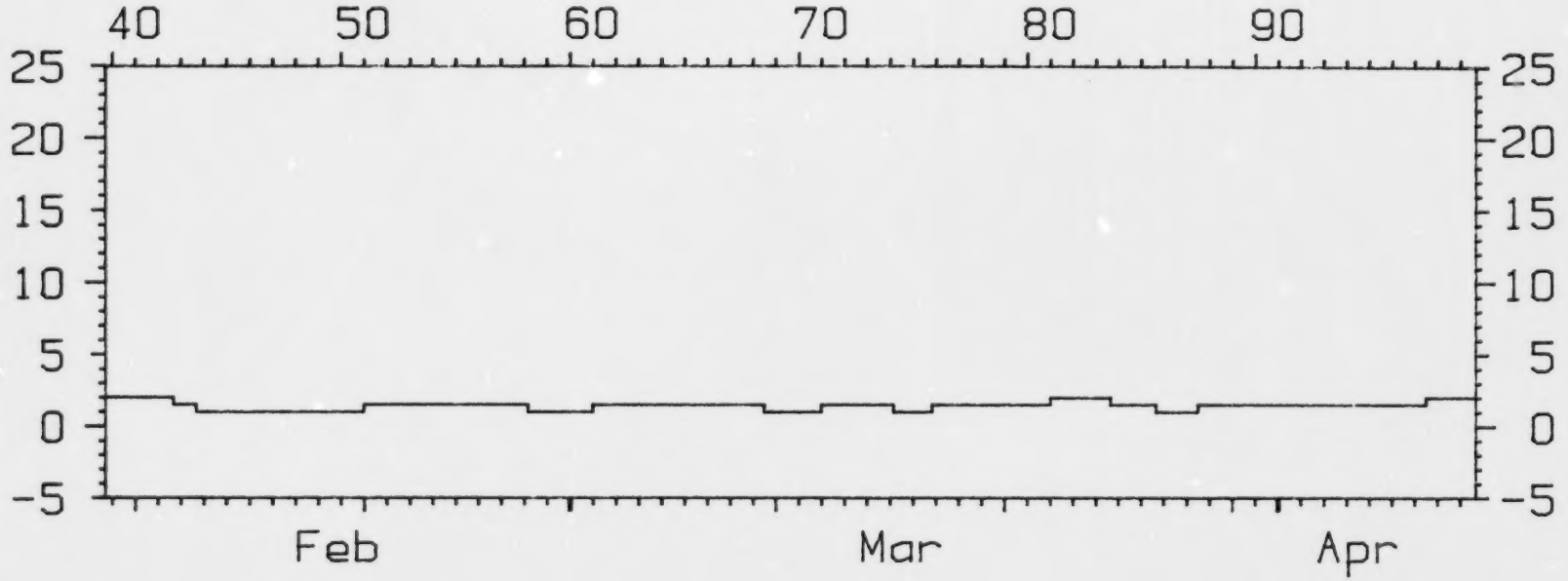
Instrument : 62547

Station 14A

CAPE SABLE NS (Page 2)

Pos. : 43.36, 65.63 Depth : 24 meters

Feb 8, 1983 16:00 GMT to Apr 9, 1983 16:00 GMT

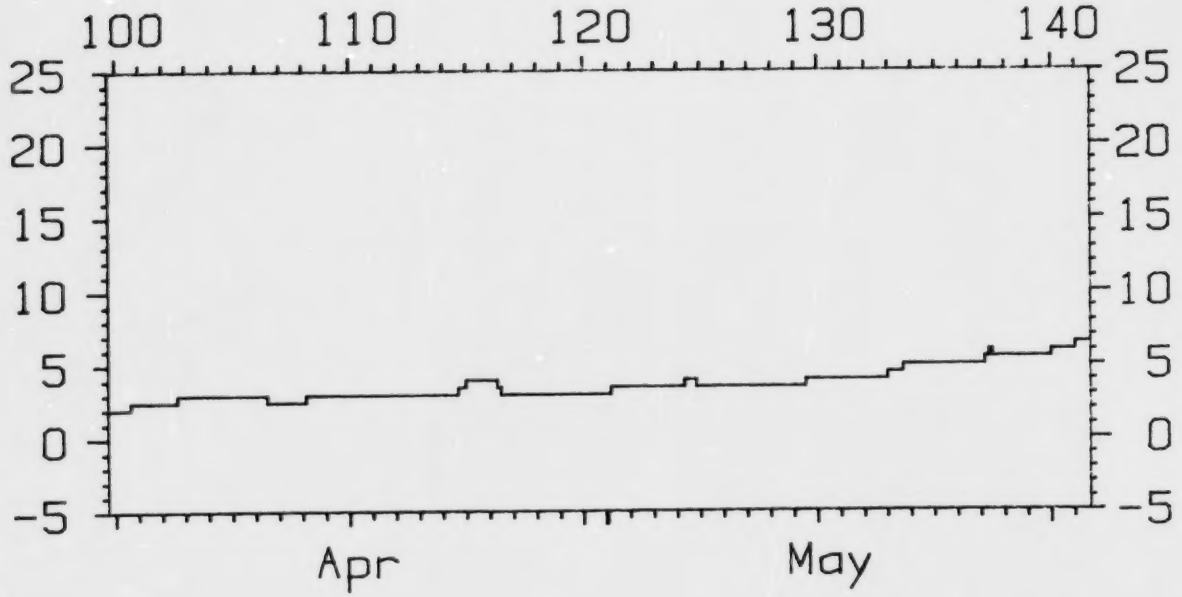


Instrument : 62547

CAPE SABLE NS (Page 3)

Pos. : 43.36, 65.63 Depth : 24 meters

Apr 9, 1983 16:00 GMT to May 21, 1983 16:00 GMT



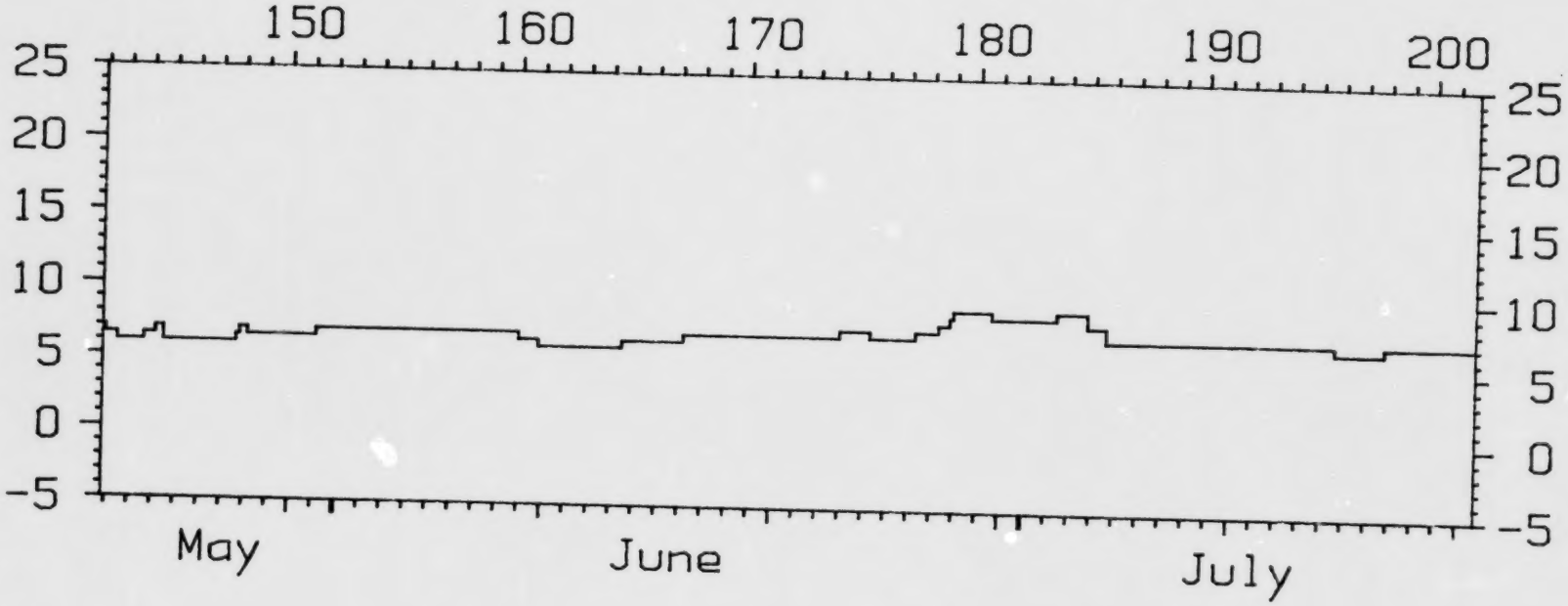
Instrument : 62547

CAPE SABLE NS

(Page 1)

Pos. : 43.36, 65.63 Depth : 24 meters

May 21, 1983 20:00 GMT to July 20, 1983 20:00 GMT



Instrument : 62488

Timing off after Aug. 22 - human interferance.

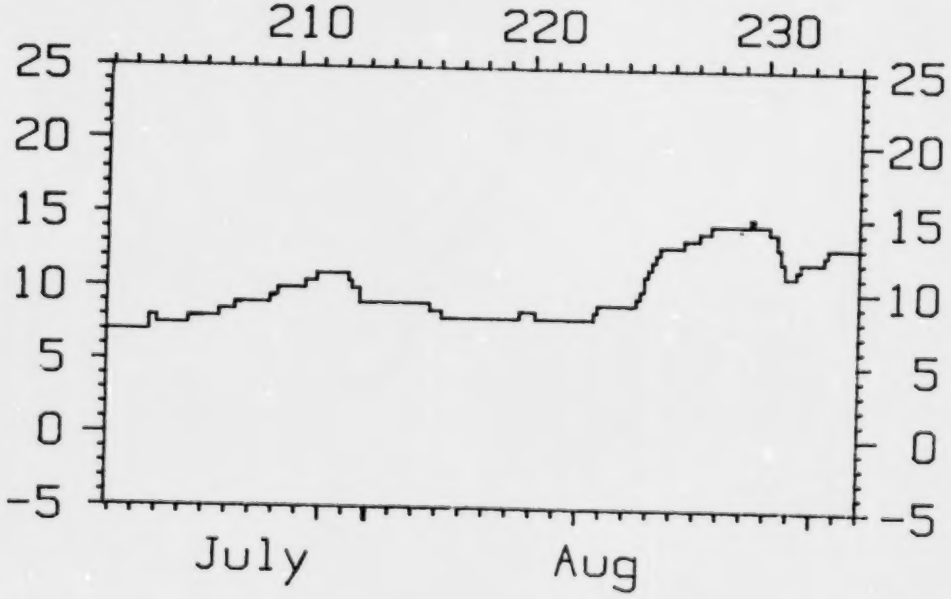
Station 14B

CAPE SABLE NS

(Page 2)

Pos. : 43.36, 65.63 Depth : 24 meters

July 20, 1983 20:00 GMT to Aug 22, 1983 00:00 GMT



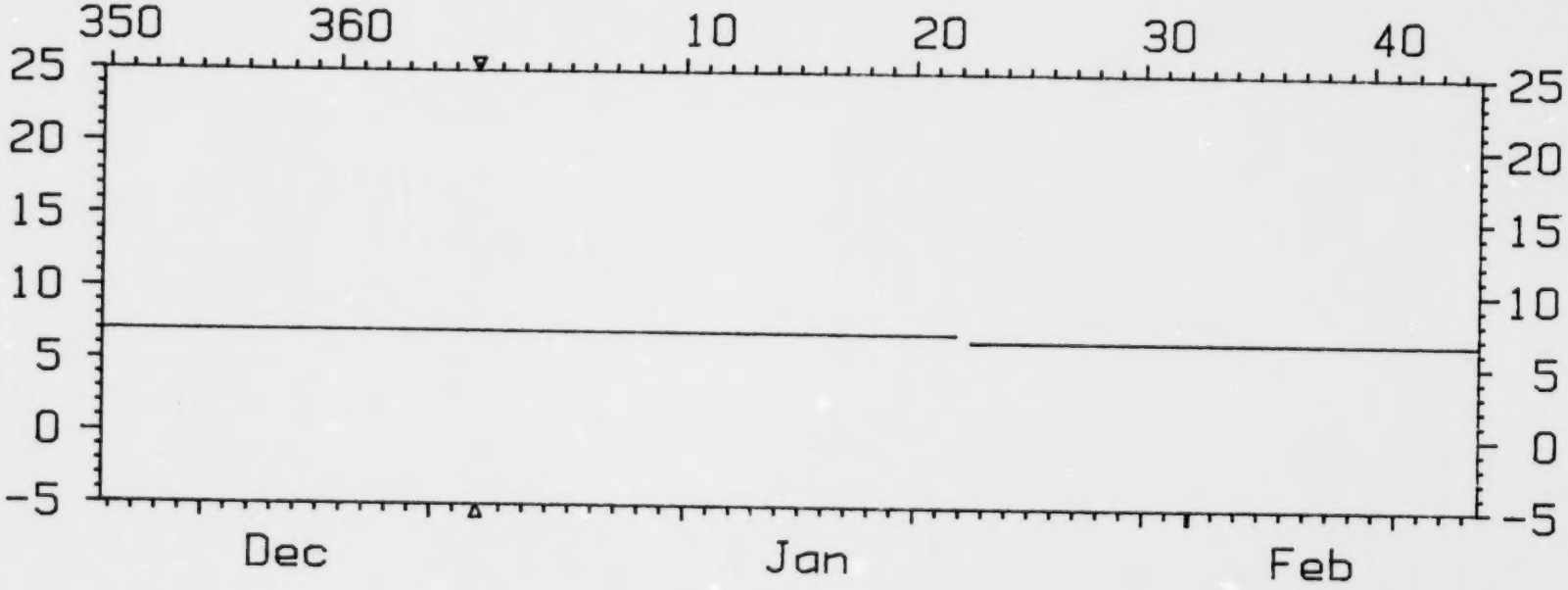
Instrument : 62488

Timing off after Aug. 22 - human interferance.

CROWELL BASIN NS (Page 1)

Pos. : 42.6, 66.83 Depth : 220 meters

Dec 15, 1982 16:00 GMT to Feb 13, 1983 16:00 GMT



Instrument : 61694

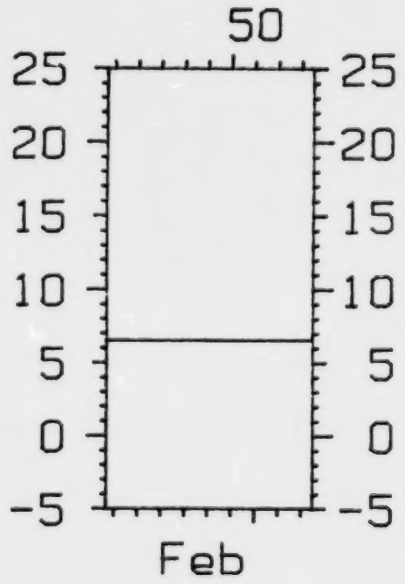
ON DECK JAN 21 1983

Station 15A

CROWELL BASIN NS (Page 2)

Pos. : 42.6, 66.83 Depth : 220 meters

Feb 13, 1983 16:00 GMT to Feb 22, 1983 12:00 GMT

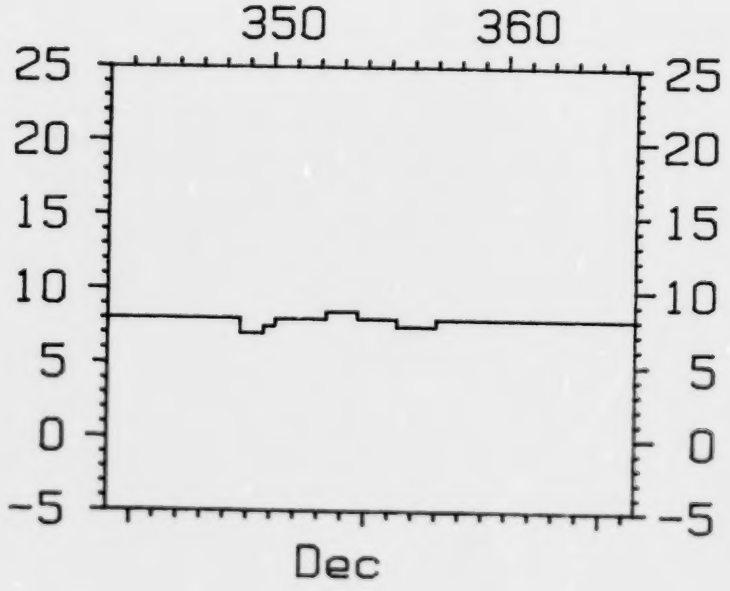


Instrument : 61694

S W BROWNS BANK NS

Pos. : 42.72, 66.68 Depth : 192 meters

Dec 9, 1982 00:00 GMT to Dec 31, 1982 12:00 GMT

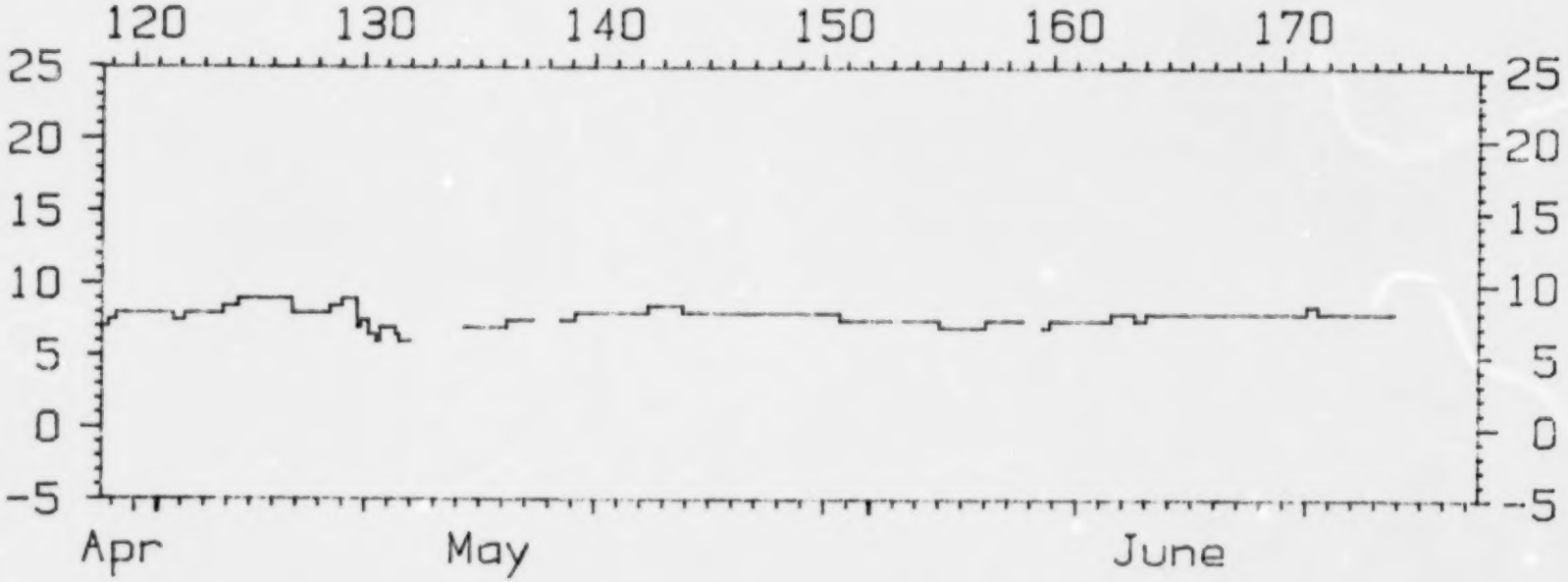


Instrument : 62550

S W BROWNS BANK NS (Page 1)

Pos. : 42.67, 66.83 Depth : 219 meters

Apr 28, 1983 12:30 GMT to June 27, 1983 12:30 GMT



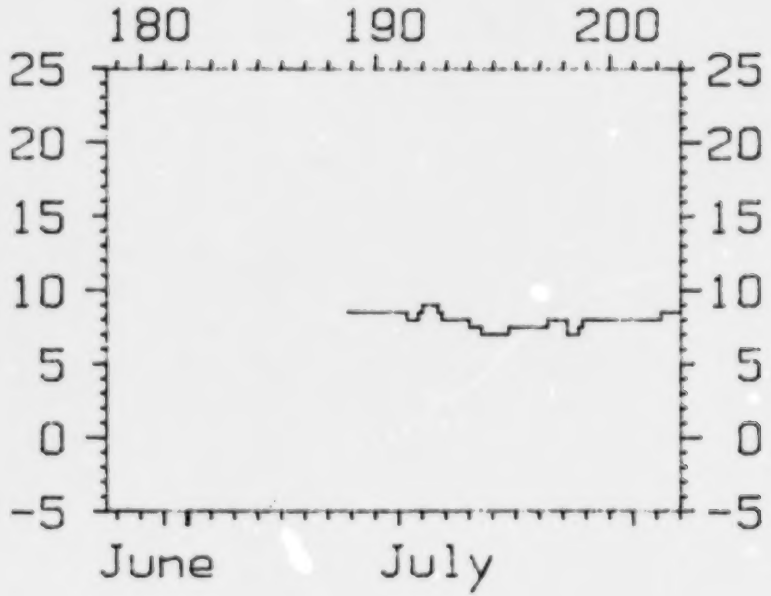
Instrument : 61682

BLANKS INDICATE INSTRUMENT ON DECK

S W BROWNS BANK NS (Page 2)

Pos. : 42.67, 66.83 Depth : 219 meters

June 27, 1983 12:30 GMT to July 22, 1983 00:30 GMT



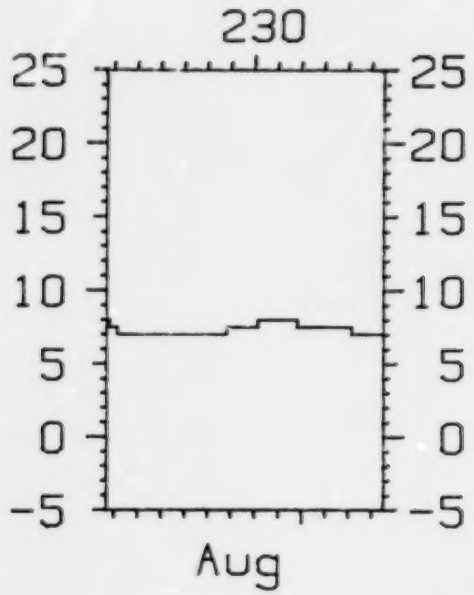
Instrument : 61682

BLANKS INDICATE INSTRUMENT ON DECK

S W BROWNS BANK NS

Pos. : 42.58, 66.93 Depth : 173 meters

Aug 11, 1983 16:00 GMT to Aug 23, 1983 12:00 GMT

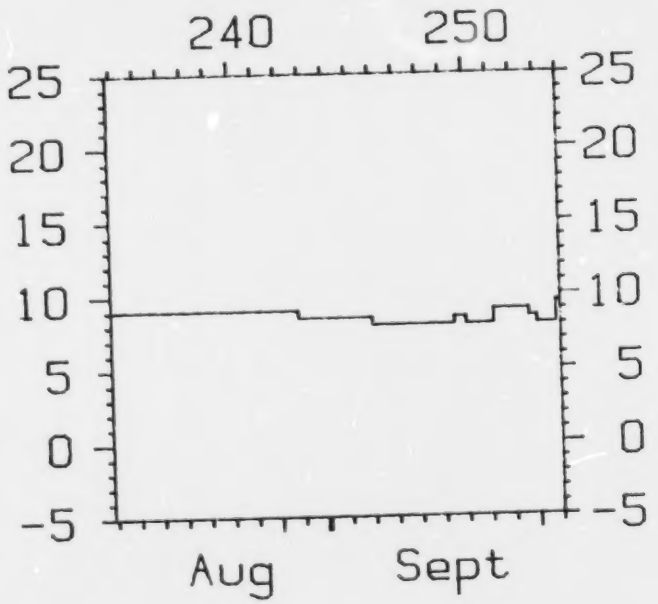


Instrument : 61682

S W BROWNS BANK NS

Pos. : 42.67, 66.87 Depth : 174 meters

Aug 22, 1983 20:00 GMT to Sept 11, 1983 00:00 GMT



Instrument : 61048

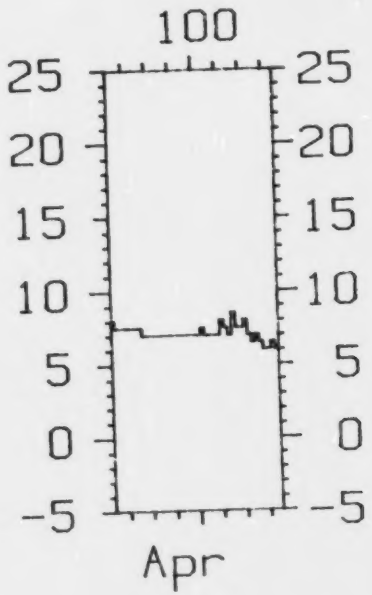
INSTRUMENT FLOODED SEPT. 11.

Station 16D

S E BROWNS BANK NS

Pos. : 42.17, 65.58 Depth : 274 meters

Apr 6, 1983 08:00 GMT to Apr 13, 1983 12:00 GMT



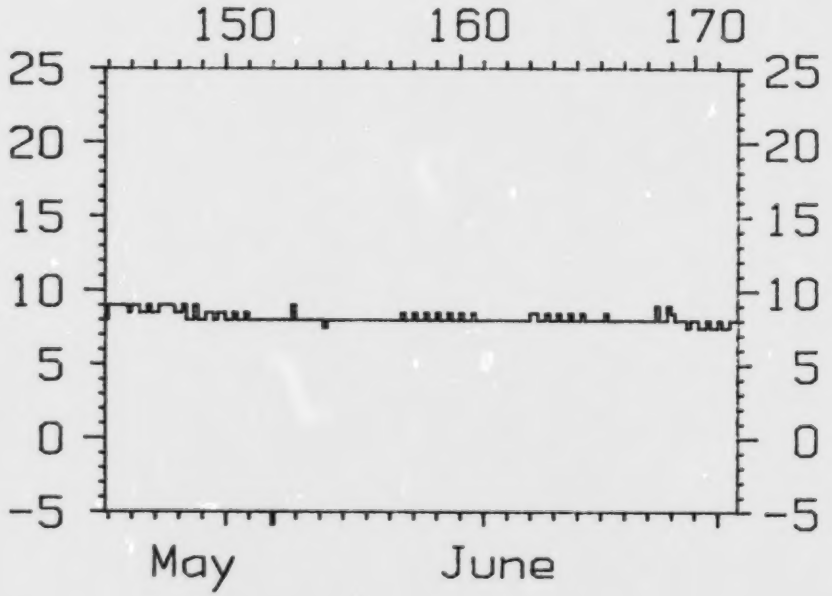
Instrument : 62550

Station 17A

S E BROWNS BANK NS

Pos. : 42.17, 65.33 Depth : 293 meters

May 24, 1983 20:00 GMT to June 20, 1983 20:00 GMT



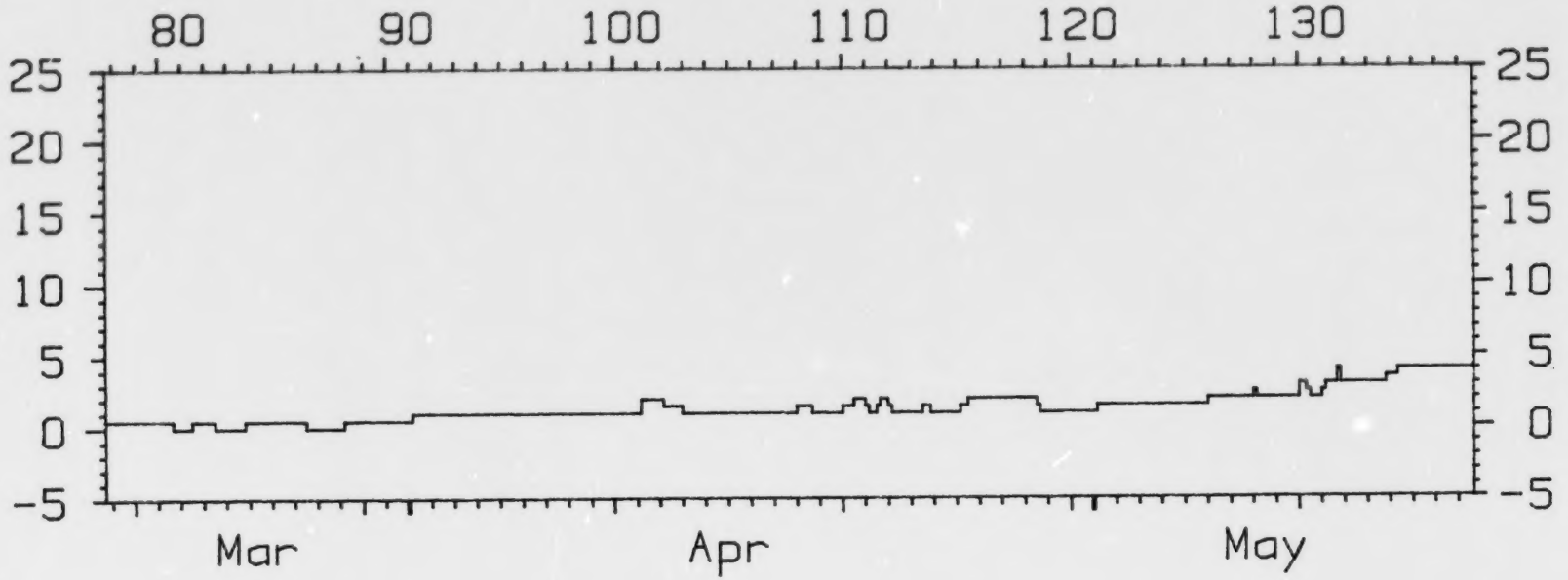
Instrument : 61669

Station 17B

PORT LATOUR NS (Page 1)

Pos. : 43.49, 65.43 Depth : 21 meters

Mar 18, 1983 16:00 GMT to May 17, 1983 16:00 GMT



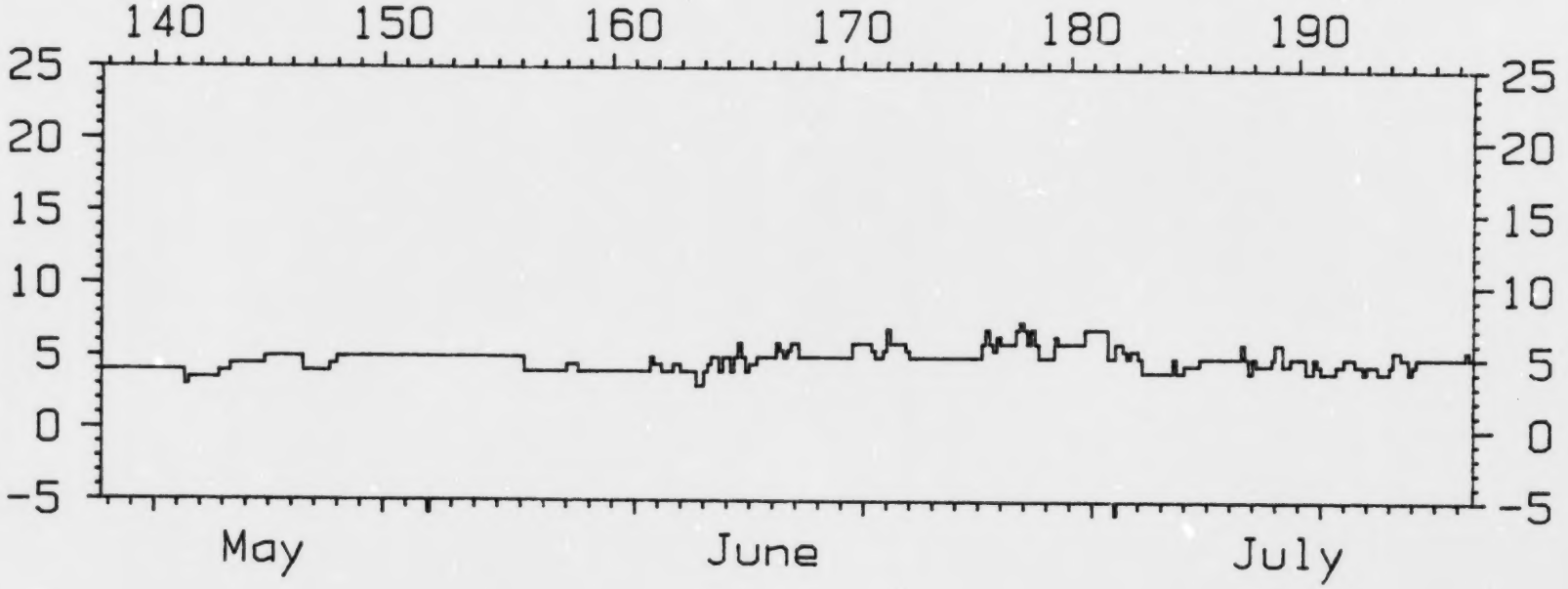
Instrument : 62461

Station 18

PORT LATOUR NS (Page 2)

Pos. : 43.49, 65.43 Depth : 21 meters

May 17, 1983 16:00 GMT to July 16, 1983 16:00 GMT

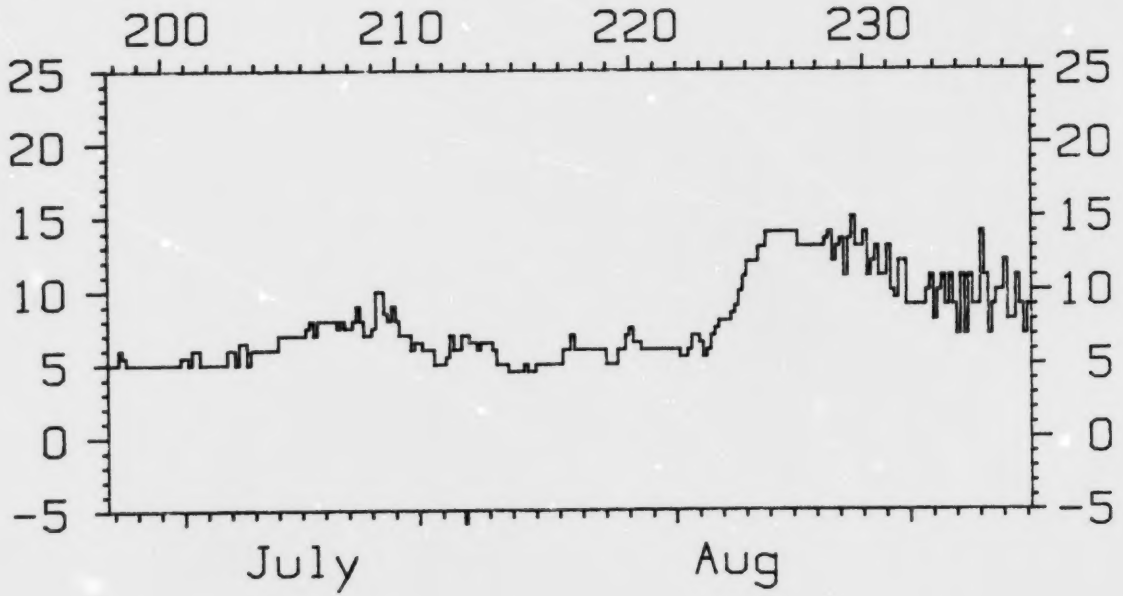


Instrument : 62461

PORT LATOUR NS (Page 3)

Pos. : 43.49, 65.43 Depth : 21 meters

July 16, 1983 16:00 GMT to Aug 25, 1983 04:00 GMT

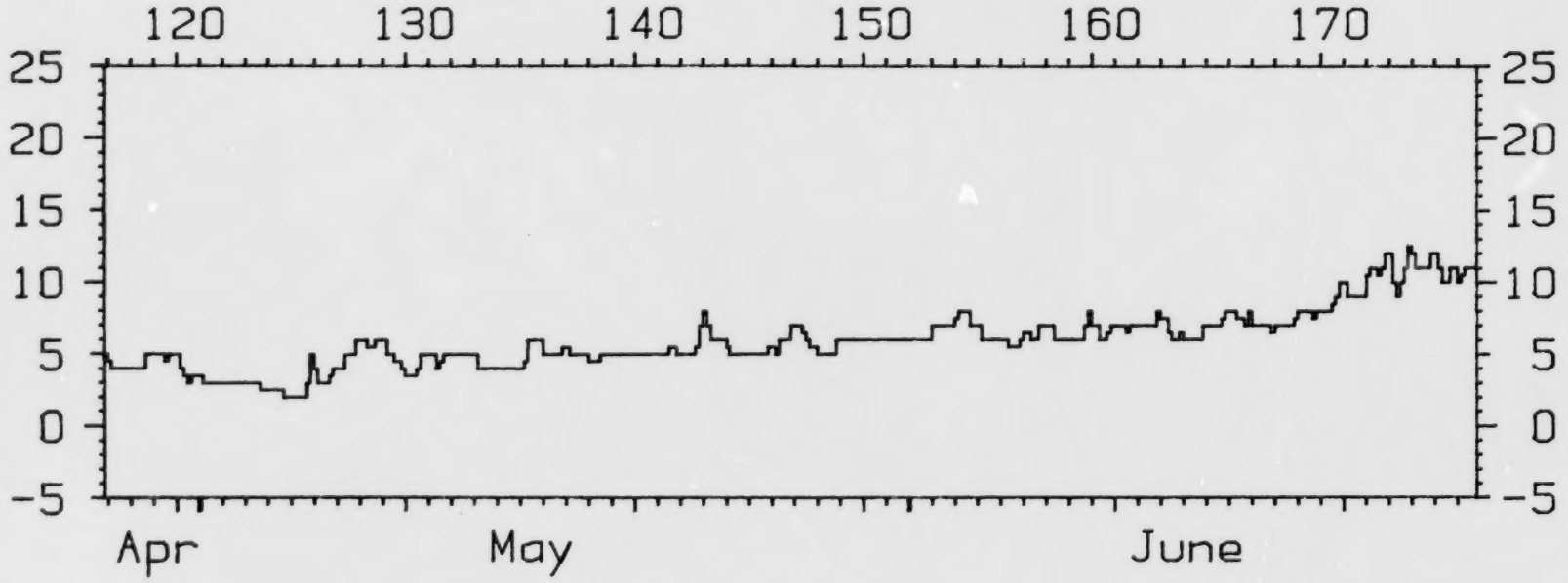


Instrument : 62461

INGOMAR NS (Page 1)

Pos. : 43.53, 65.31 Depth : 40 meters

Apr 26, 1983 20:00 GMT to June 25, 1983 20:00 GMT



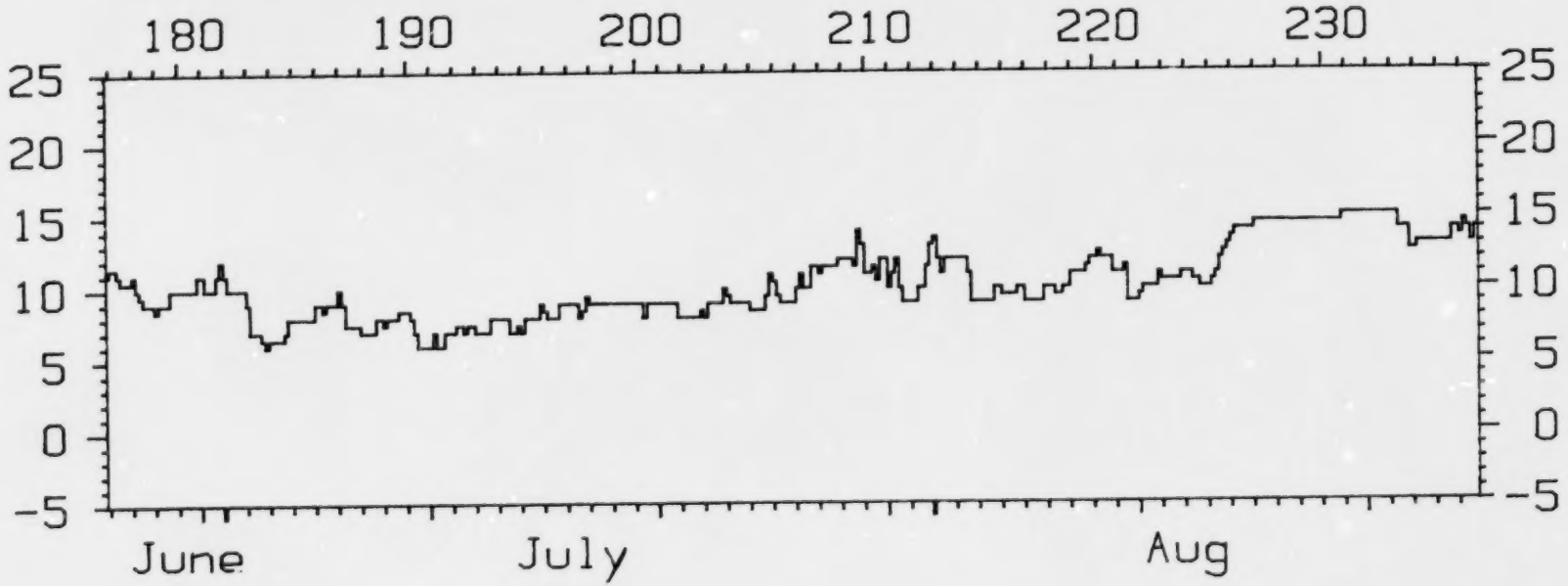
Instrument : 62491

Station 19A

INGOMAR NS (Page 2)

Pos. : 43.53, 65.31 Depth : 40 meters

June 25, 1983 20:00 GMT to Aug 24, 1983 20:00 GMT

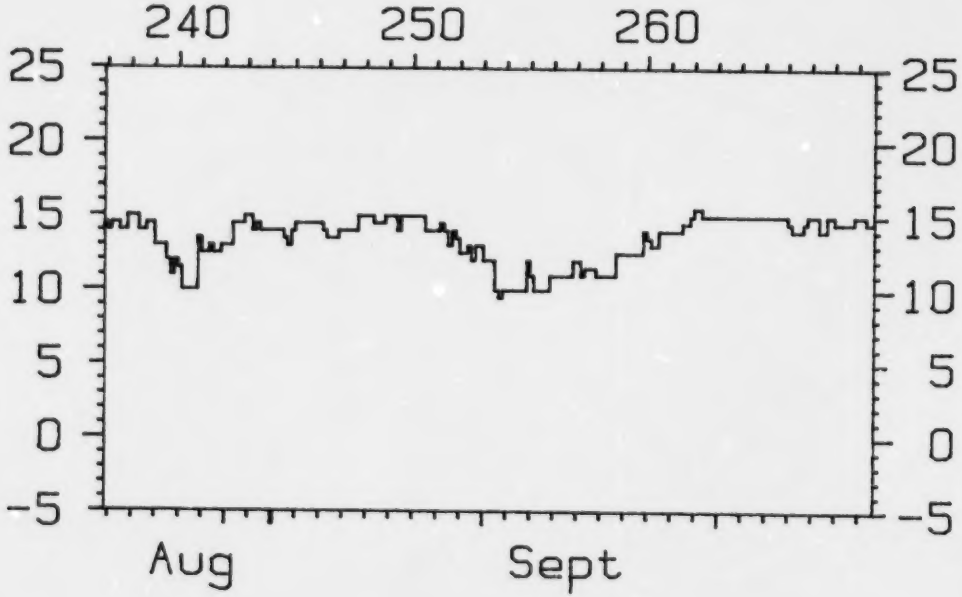


Instrument : 62491

INGOMAR NS (Page 3)

Pos. : 43.53, 65.31 Depth : 40 meters

Aug 24, 1983 20:00 GMT to Sept 26, 1983 16:00 GMT

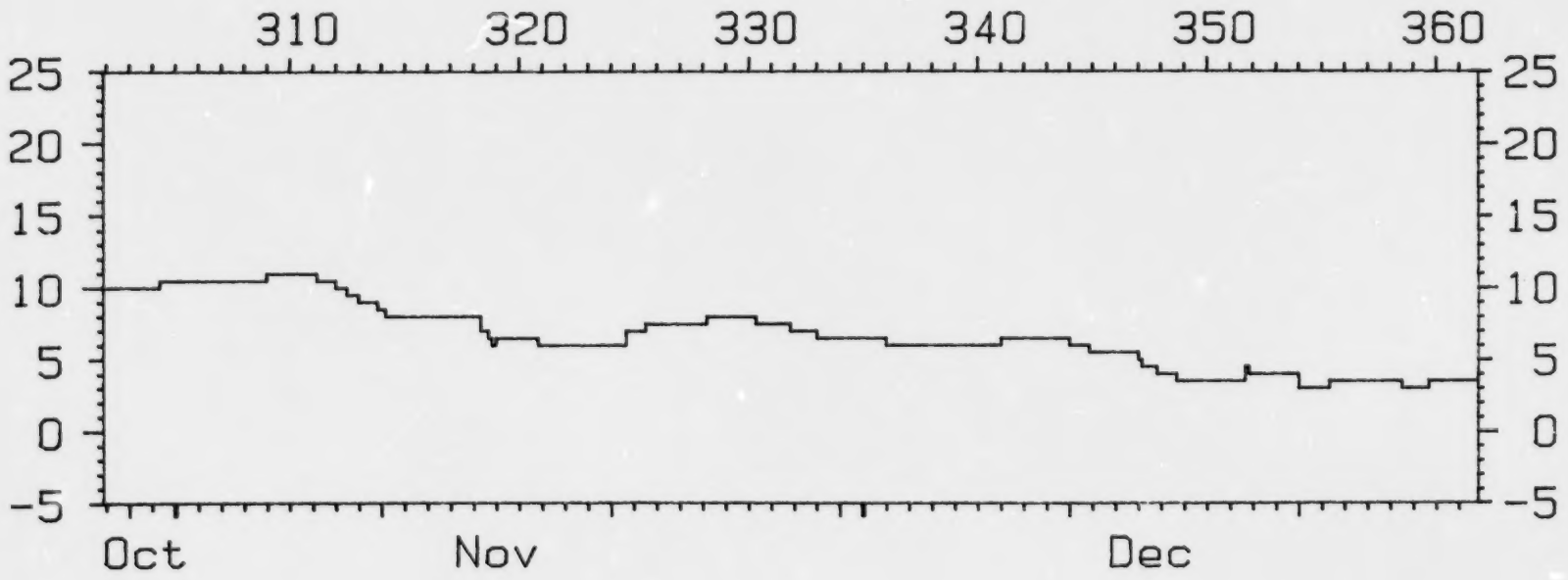


Instrument : 62491

LOCKEPORT NS (Page 1)

Pos. : 43.64, 65.12 Depth : 17 meters

Oct 28, 1982 20:00 GMT to Dec 27, 1982 20:00 GMT



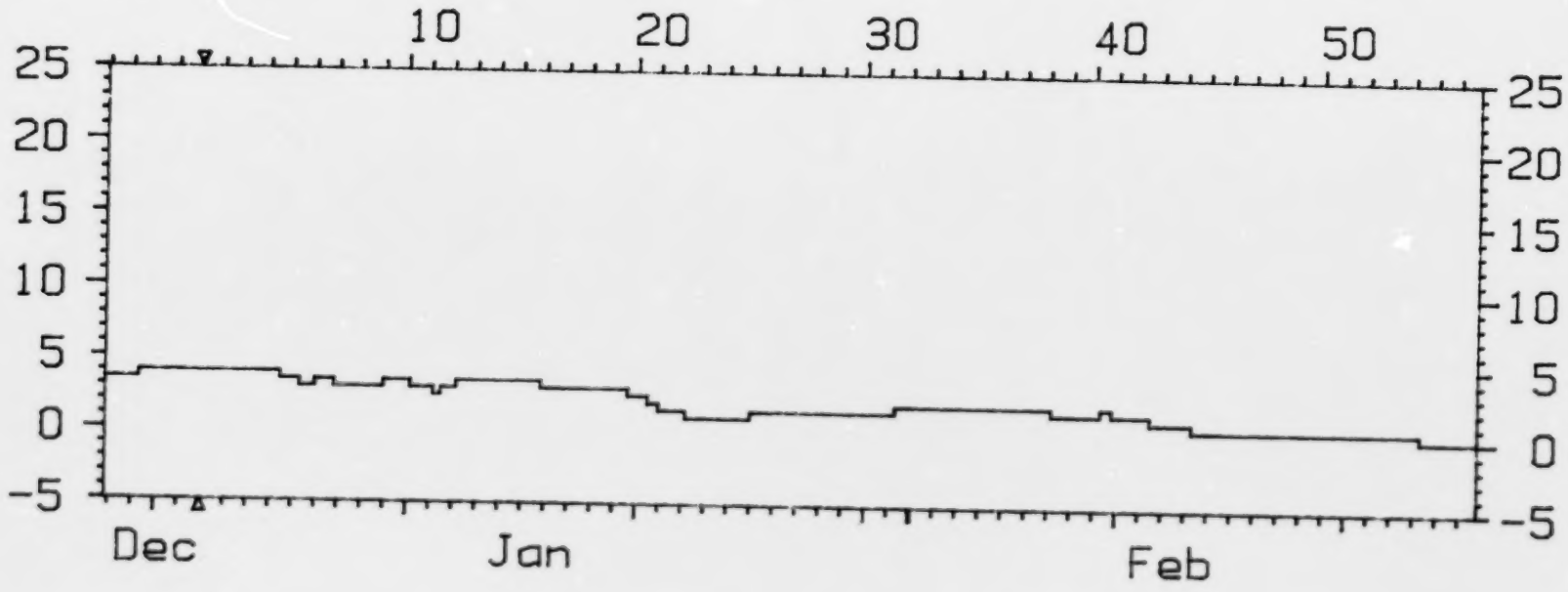
Instrument : 62553

Station 20A

LOCKEPORT NS

Pos. : 43.64, 65.12 Depth : 17 meters

Dec 27, 1982 20:00 GMT to Feb 25, 1983 20:00 GMT

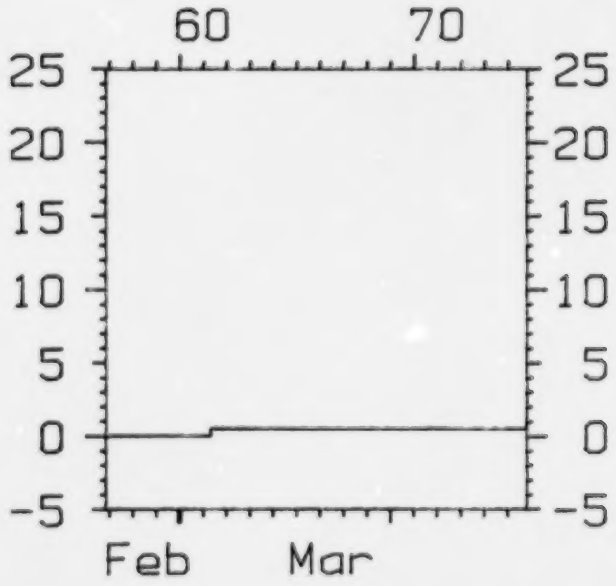


Instrument : 62553

LOCKEPORT NS (Page 3)

Pos. : 43.64, 65.12 Depth : 17 meters

Feb 25, 1983 20:00 GMT to Mar 15, 1983 20:00 GMT

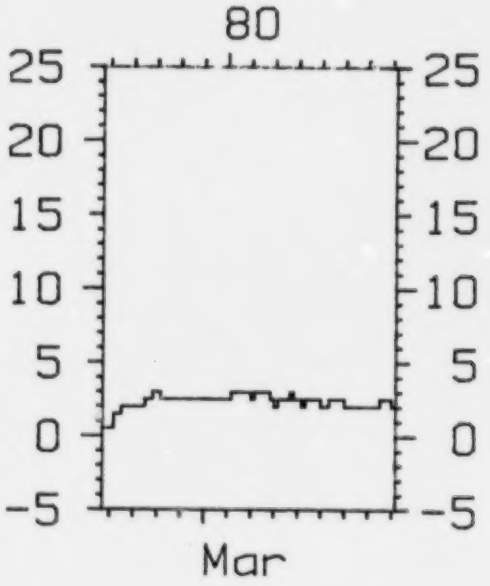


Instrument : 62553

LOCKEPORT NS

Pos. : 43.64, 65.12 Depth : 17 meters

Mar 15, 1983 16:00 GMT to Mar 28, 1983 04:00 GMT

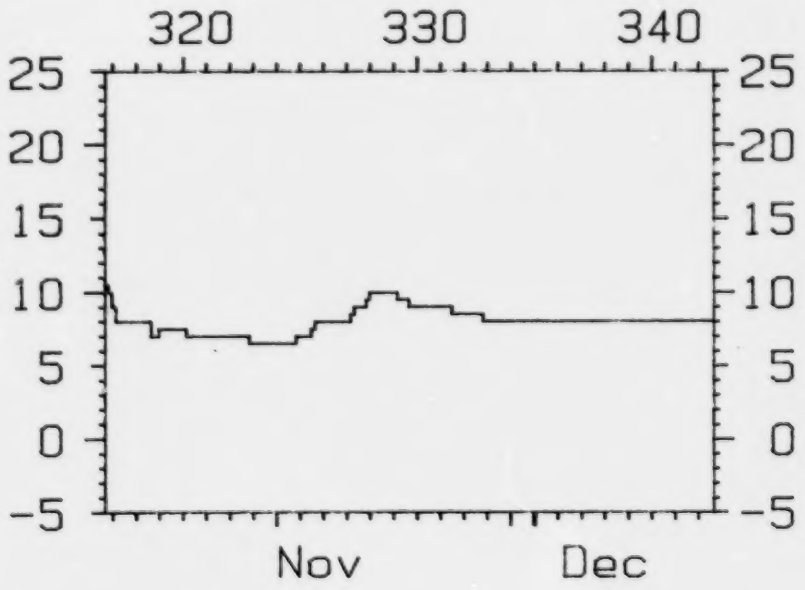


Instrument : 61664

PORT MOUTON NS

Pos. : 43.92, 64.83 Depth : 3 meters

Nov 12, 1982 16:00 GMT to Dec 8, 1982 16:00 GMT

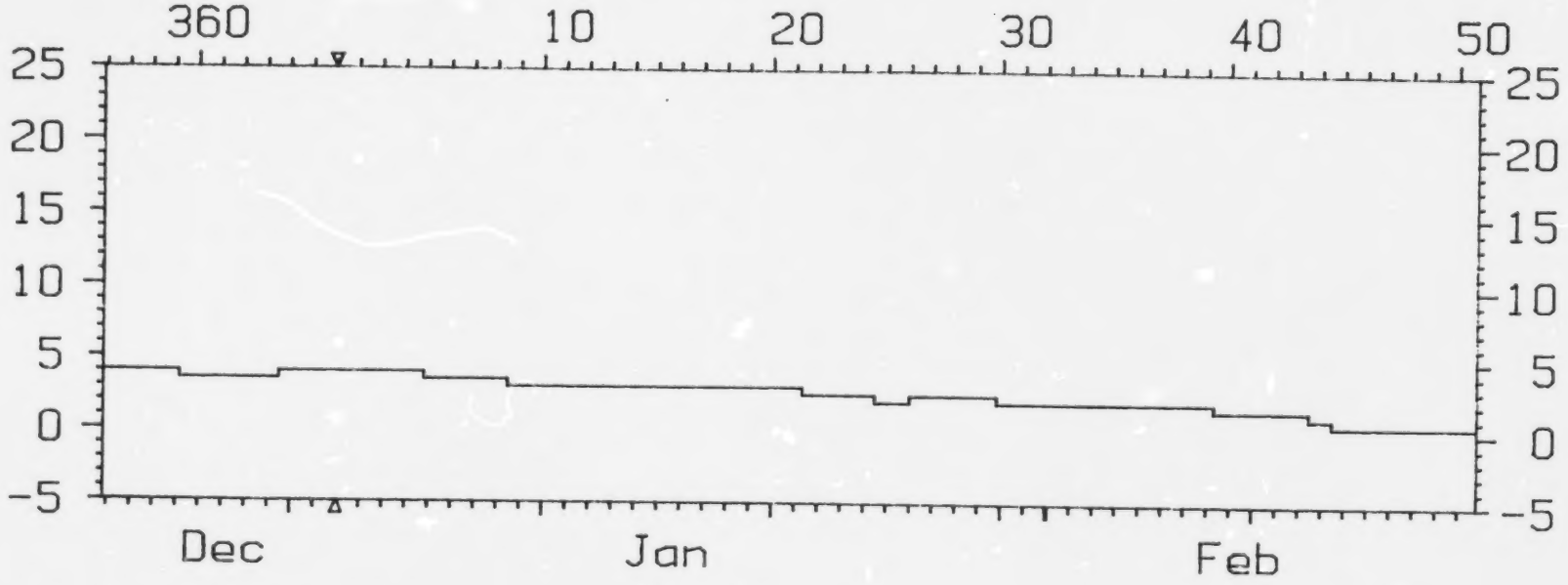


Instrument : 62555

PORT MOUTON NS (Page 1)

Pos. : 43.9, 64.85 Depth : 18 meters

Dec 21, 1982 20:00 GMT to Feb 19, 1983 20:00 GMT



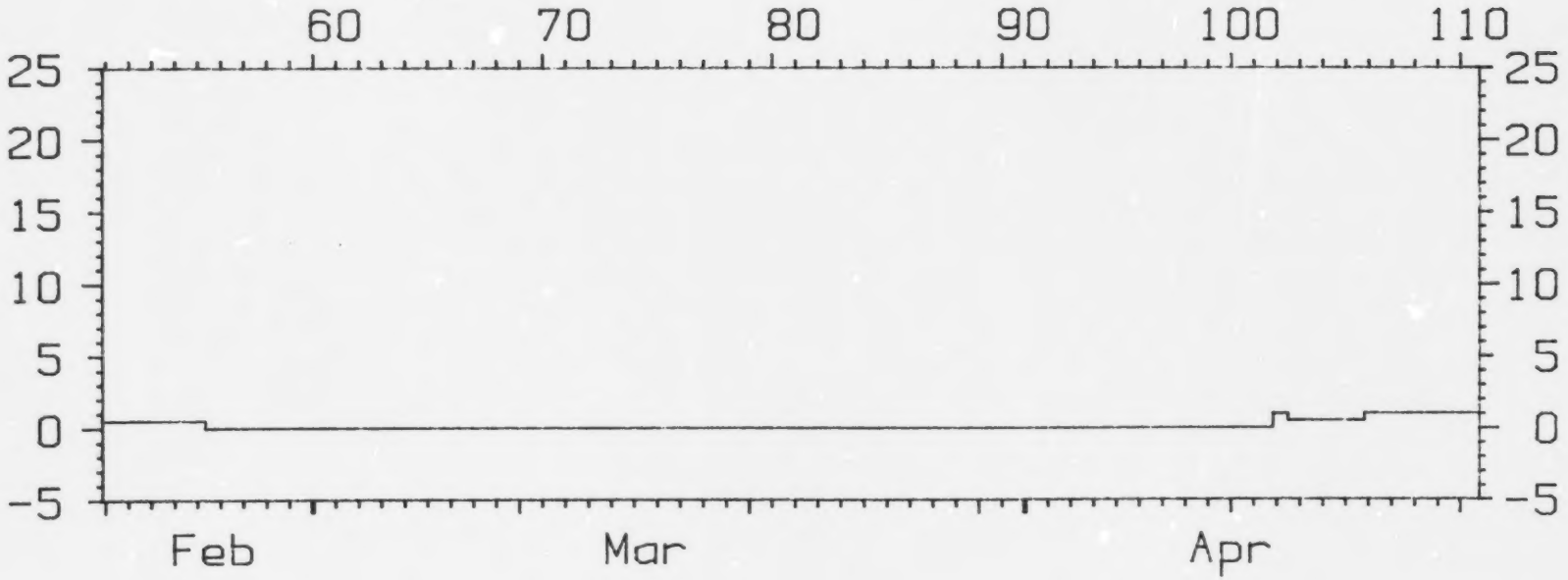
Instrument : 61634

Station 21B

PORT MOUTON NS (Page 2)

Pos. : 43.9, 64.85 Depth : 18 meters

Feb 19, 1983 20:00 GMT to Apr 20, 1983 20:00 GMT

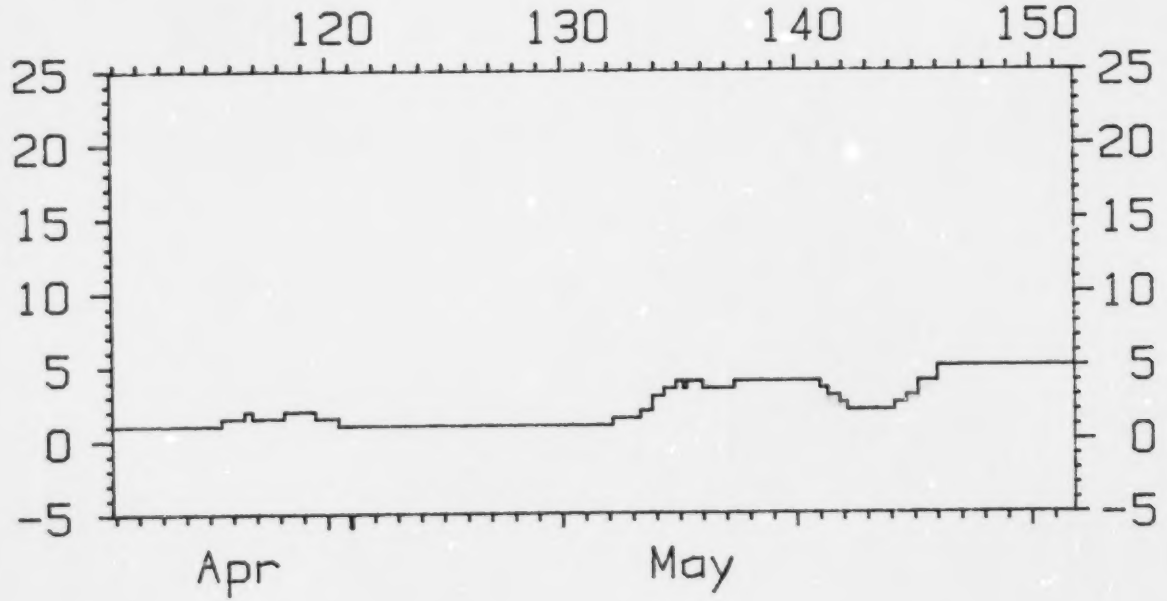


Instrument : 61634

PORT MOUTON NS (Page 3)

Pos. : 43.9, 64.85 Depth : 18 meters

Apr 20, 1983 20:00 GMT to May 31, 1983 20:00 GMT

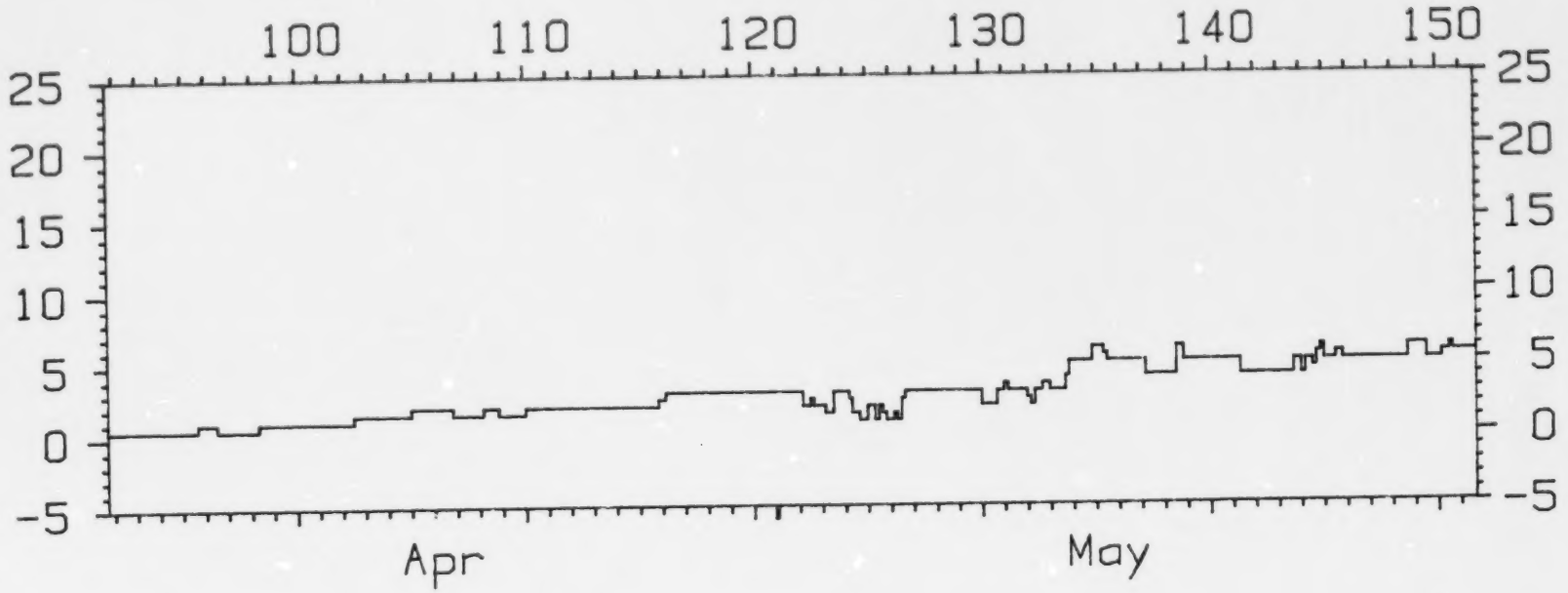


Instrument : 61634

STONEHURST NS (Page 1)

Pos. : 44.37, 64.19 Depth : 11 meters

Apr 1, 1983 16:00 GMT to May 31, 1983 16:00 GMT

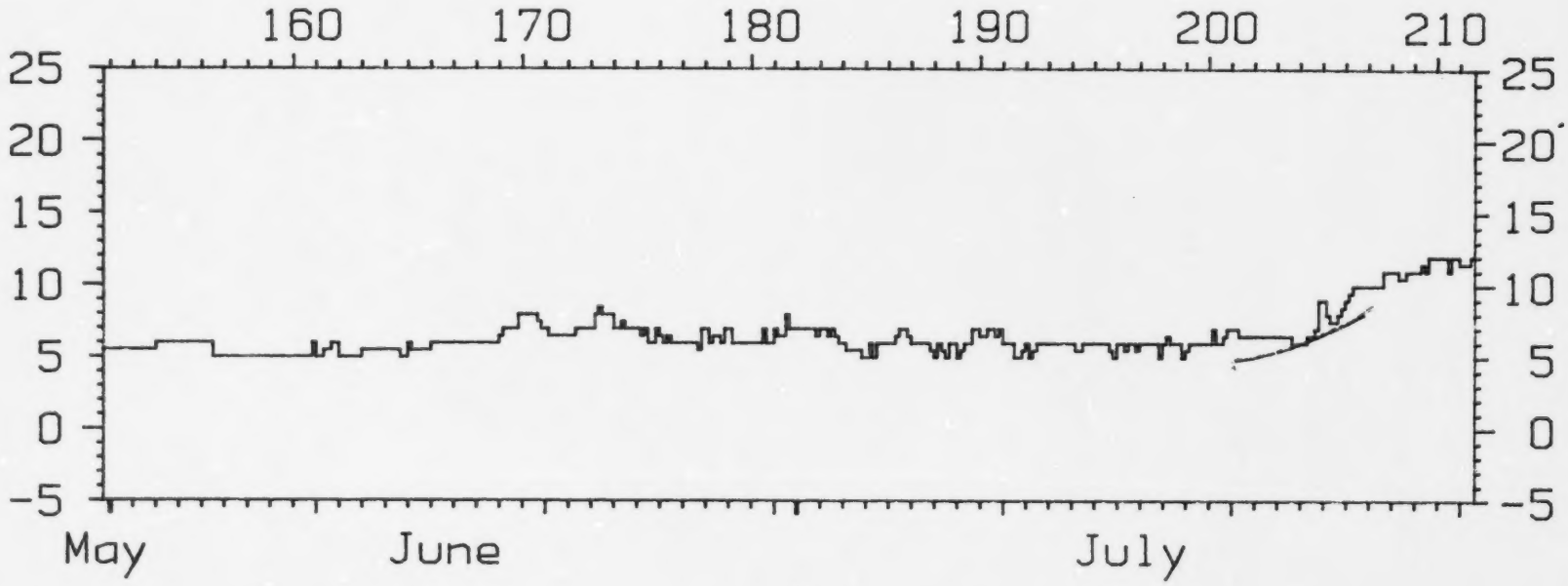


Instrument : 62546

STONEHURST NS (Page 2)

Pos. : 44.37, 64.19 Depth : 11 meters

May 31, 1983 16:00 GMT to July 30, 1983 16:00 GMT

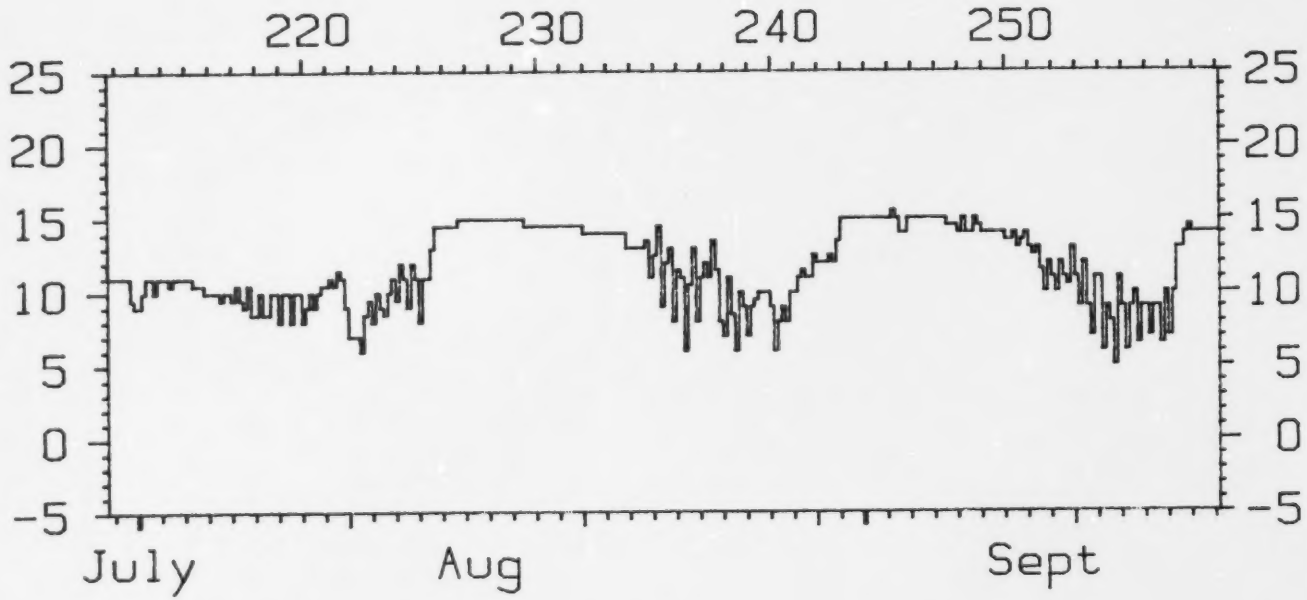


Instrument : 62546

STONEHURST NS (Page 3)

Pos. : 44.37, 64.19 Depth : 11 meters

July 30, 1983 16:00 GMT to Sept 16, 1983 04:00 GMT

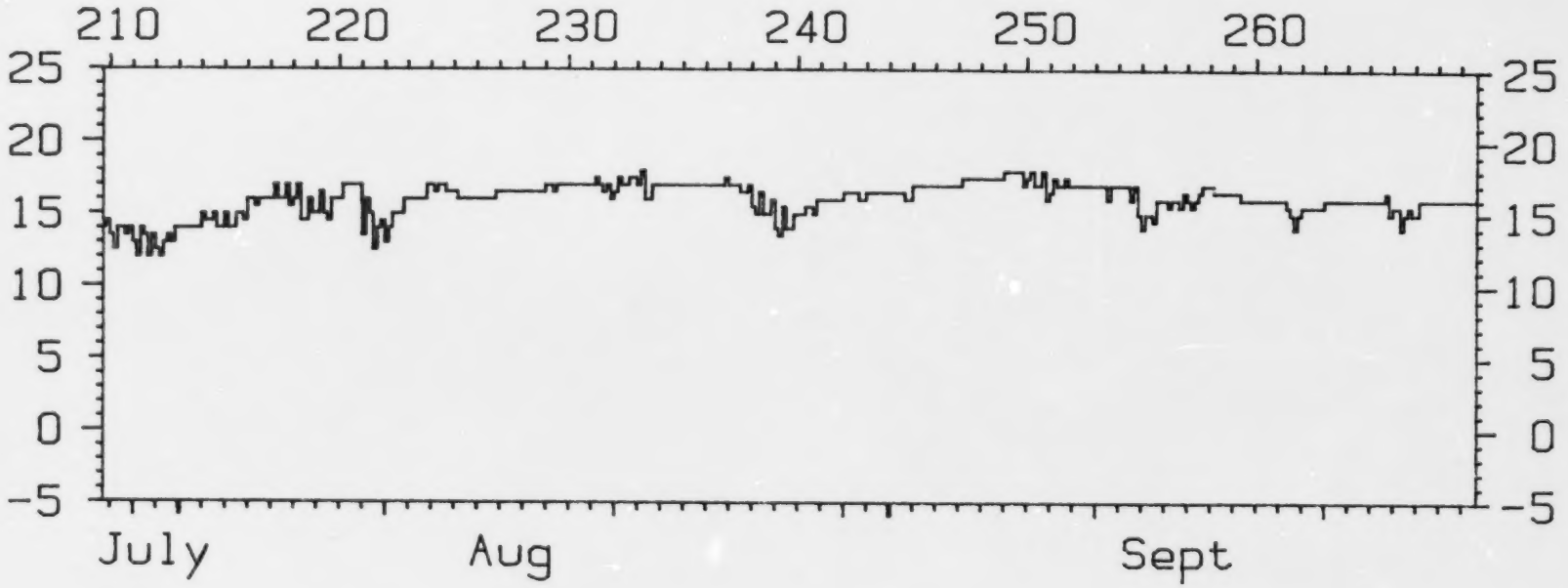


Instrument : 62546

1ST-2ND PENINSULA MAHONE BAY NS (Page 1)

Pos. : 44.38, 64.26 Depth : 8 meters

July 28, 1983 16:00 GMT to Sept 26, 1983 16:00 GMT



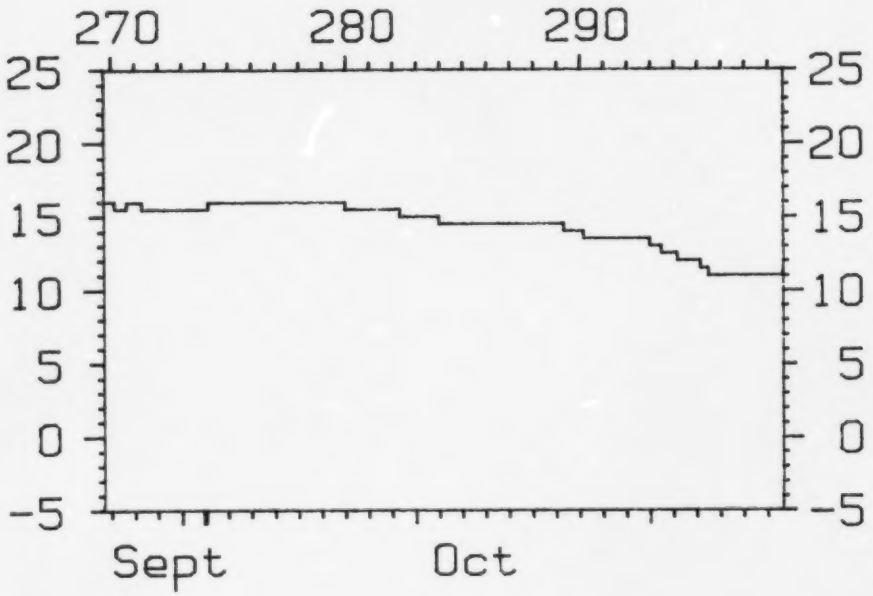
Instrument : 62916

Station 23A

1ST-2ND PENINSULA MAHONE BAY NS (Page 2)

Pos. : 44.38, 64.26 Depth : 8 meters

Sept 26, 1983 16:00 GMT to Oct 25, 1983 16:00 GMT

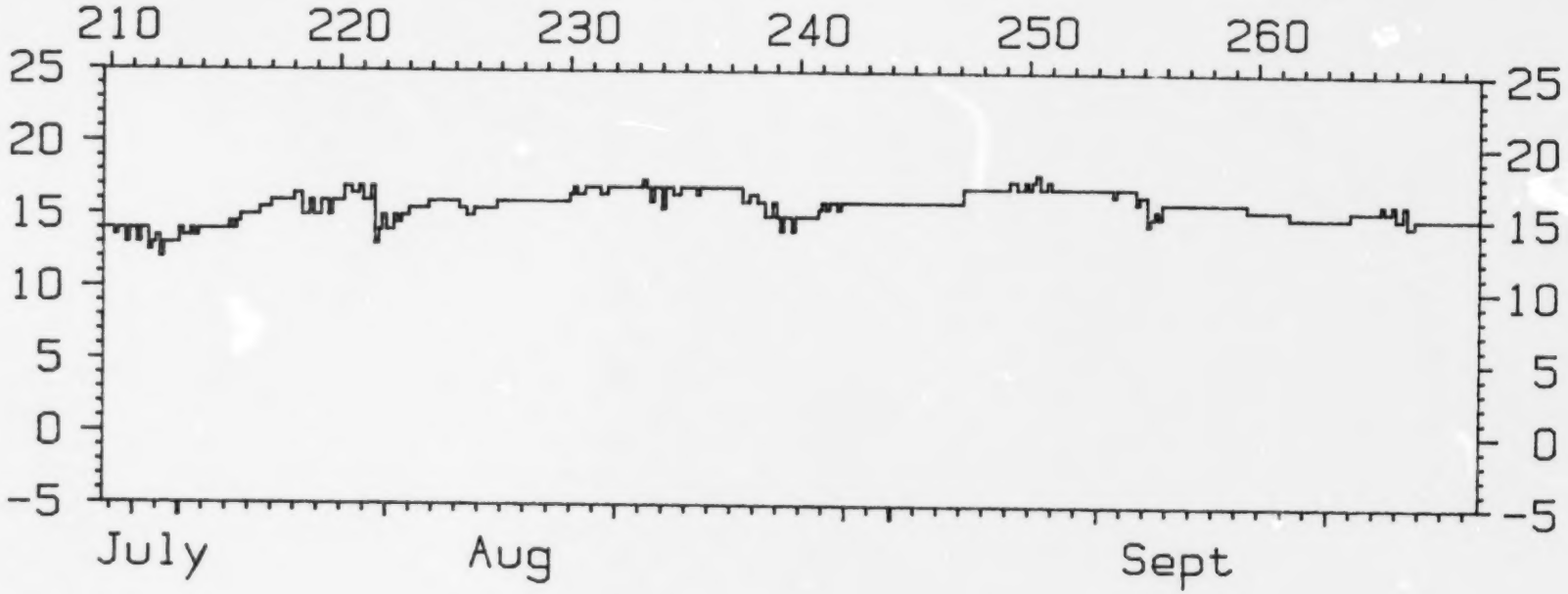


Instrument : 62916

1ST-2ND PENINSULA MAHONE BAY NS (Page 1)

Pos. : 44.38, 64.3 Depth : 11 meters

July 28, 1983 16:00 GMT to Sept 26, 1983 16:00 GMT



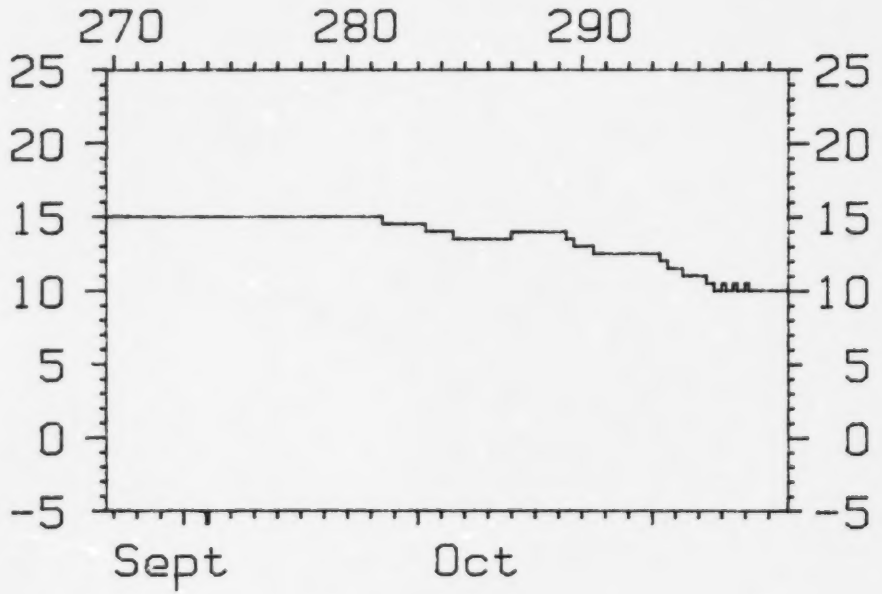
Instrument : 62893

Station 23B

1ST-2ND PENINSULA MAHONE BAY NS (Page 2)

Pos. : 44.38, 64.3 Depth : 11 meters

Sept 26, 1983 16:00 GMT to Oct 25, 1983 20:00 GMT

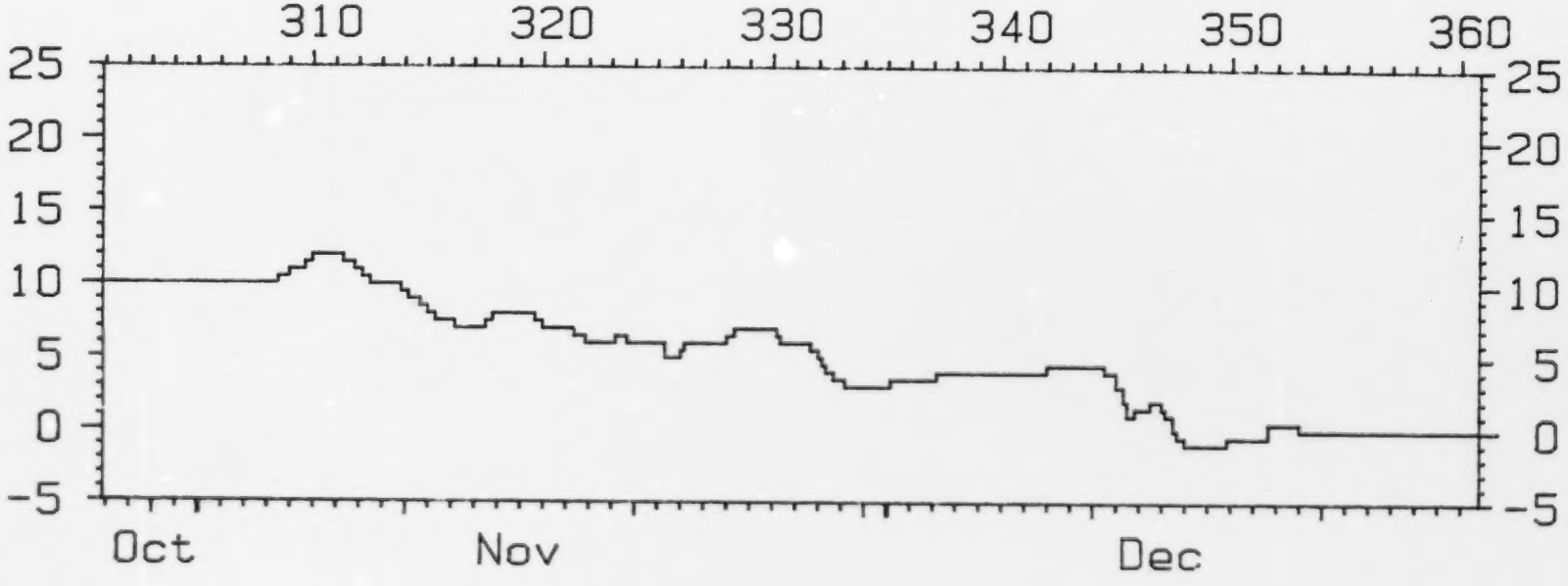


Instrument : 62893

PLEASANT POINT POND NS (Page 1)

Pos. : 44.72, 63.08 Depth : 3 meters

Oct 27, 1982 20:00 GMT to Dec 26, 1982 20:00 GMT



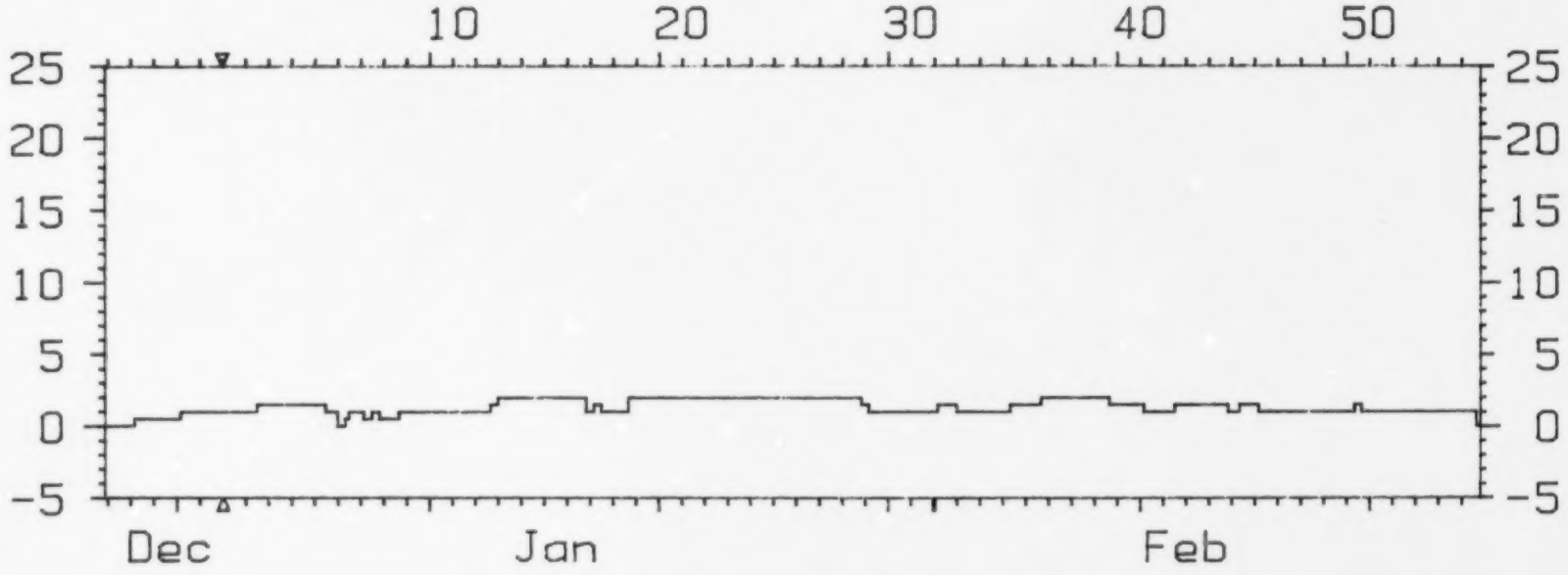
Instrument : 61055

Station 25

PLEASANT POINT POND NS (Page 2)

Pos. : 44.72, 63.08 Depth : 3 meters

Dec 26, 1982 20:00 GMT to Feb 24, 1983 20:00 GMT

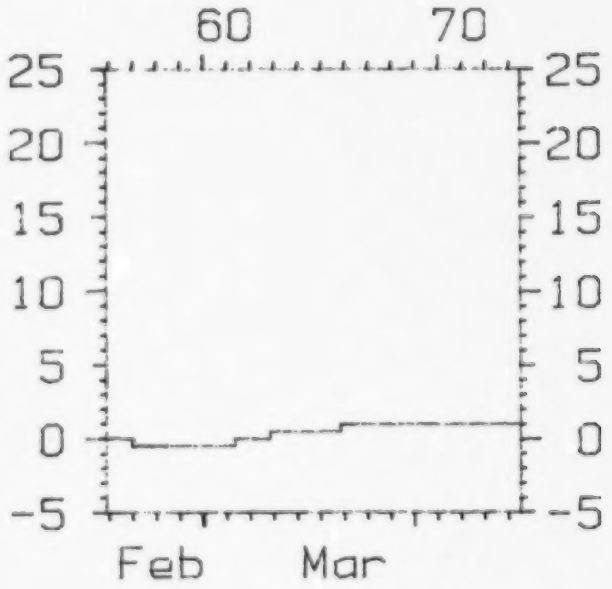


Instrument : 61055

PLEASANT POINT POND NS (Page 3)

Pos. : 44.72, 63.08 Depth : 3 meters

Feb 24, 1983 20:00 GMT to Mar 14, 1983 12:00 GMT

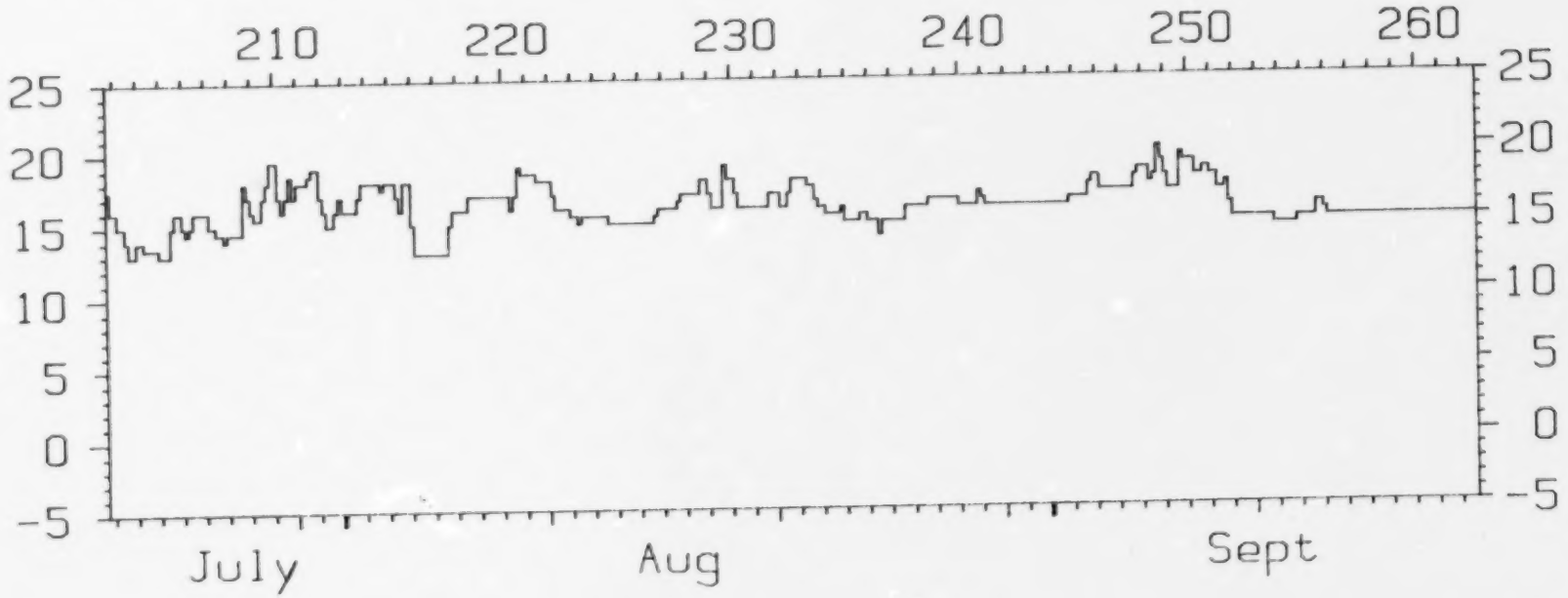


Instrument : 61055

SPANISH SHIP BAY NS (Page 1)

Pos. : 45.02, 62.02 Depth : 2 meters

July 21, 1983 16:00 GMT to Sept 19, 1983 16:00 GMT



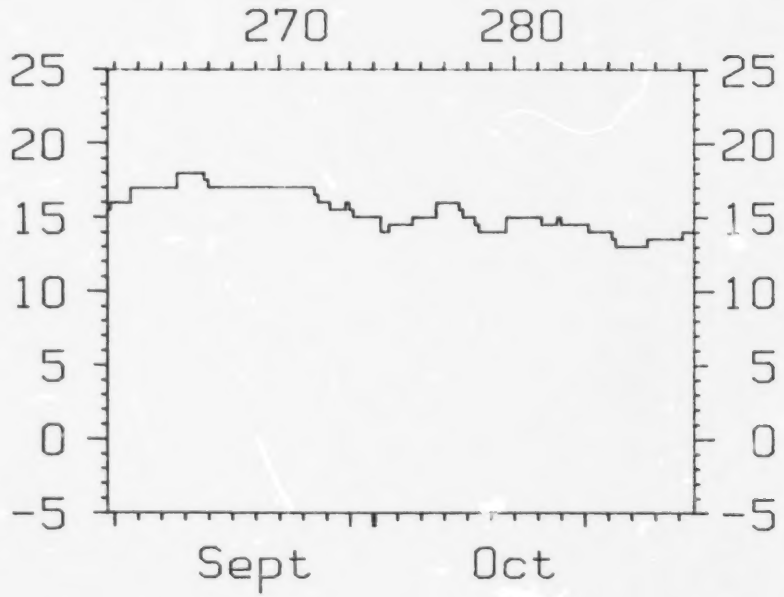
Instrument : 60908

Station 26A

SPANISH SHIP BAY NS (Page 2)

Pos. : 45.02, 62.02 Depth : 2 meters

Sept 19, 1983 16:00 GMT to Oct 14, 1983 16:00 GMT

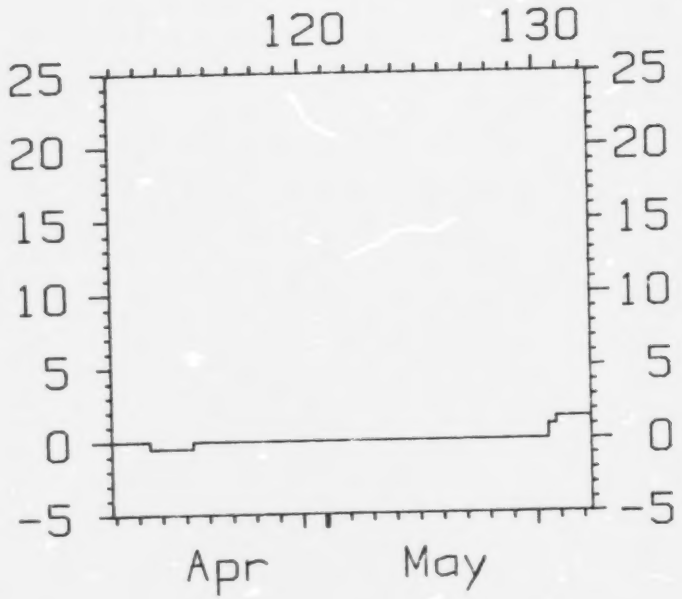


Instrument : 60908

NEW HARBOUR NS

Pos. : 45.13, 61.38 Depth : 19 meters

Apr 21, 1983 20:00 GMT to May 12, 1983 08:00 GMT



Instrument : 60991

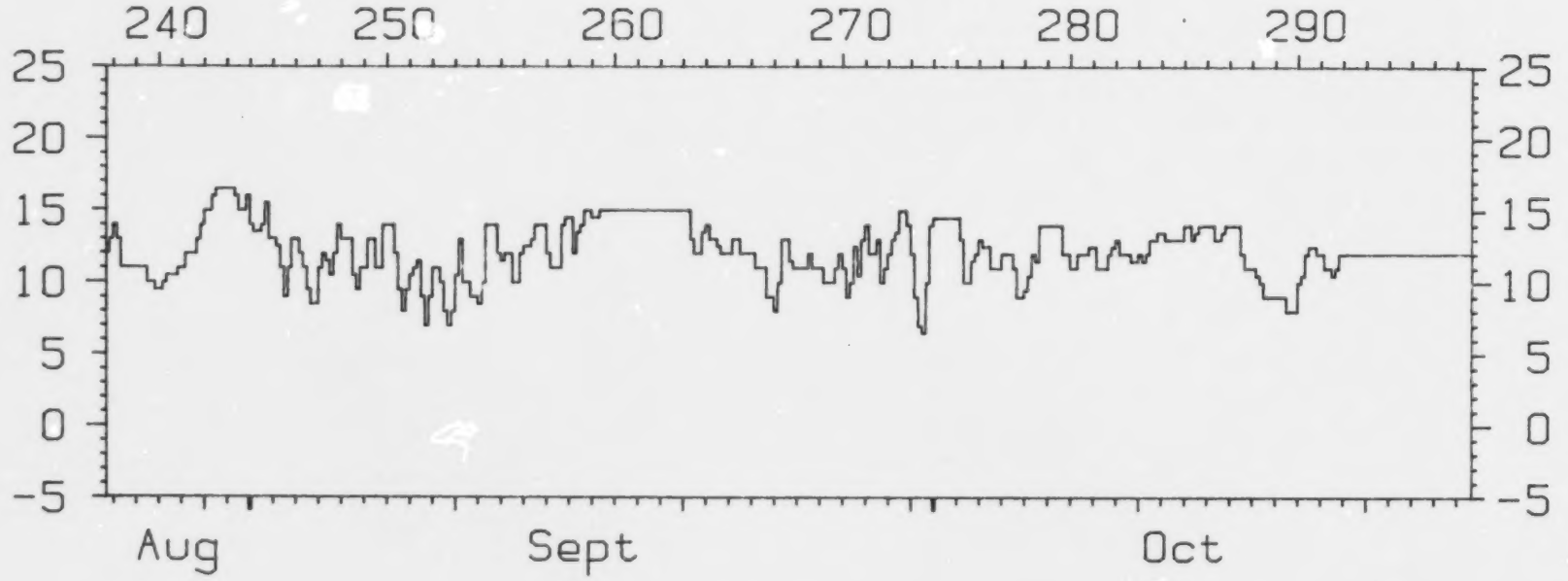
FLOODED MAY 12.

Station 27A

NEW HARBOUR NS (Page 1)

Pos. : 45.13, 61.38 Depth : 20 meters

Aug 25, 1983 16:00 GMT to Oct 24, 1983 16:00 GMT



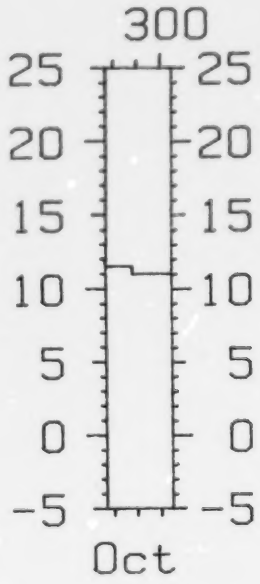
Instrument : 62453

Station 27B

NEW HARBOUR NS (Page 2)

Pos. : 45.13, 61.38 Depth : 20 meters

Oct 24, 1983 16:00 GMT to Oct 27, 1983 12:00 GMT

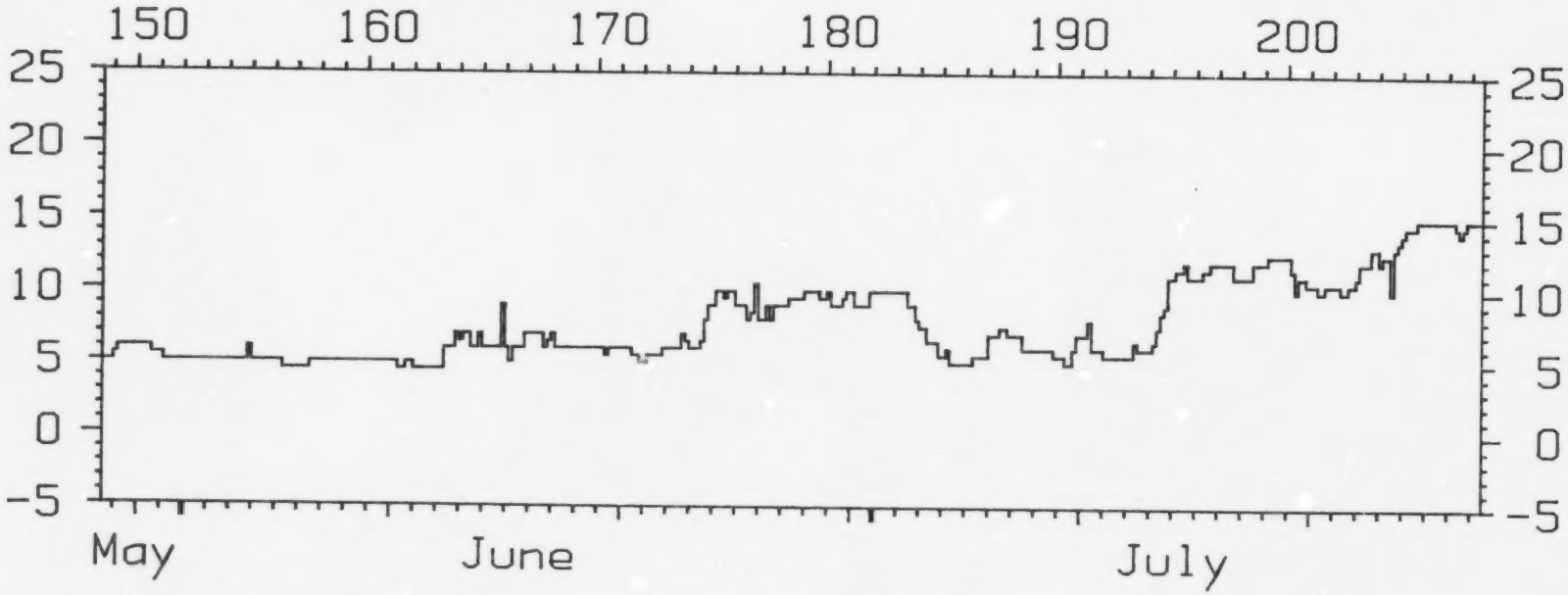


Instrument : 62453

DORTS COVE NS (Page 1)

Pos. : 45.36, 61.43 Depth : 19 meters

May 28, 1983 12:00 GMT to July 27, 1983 12:00 GMT



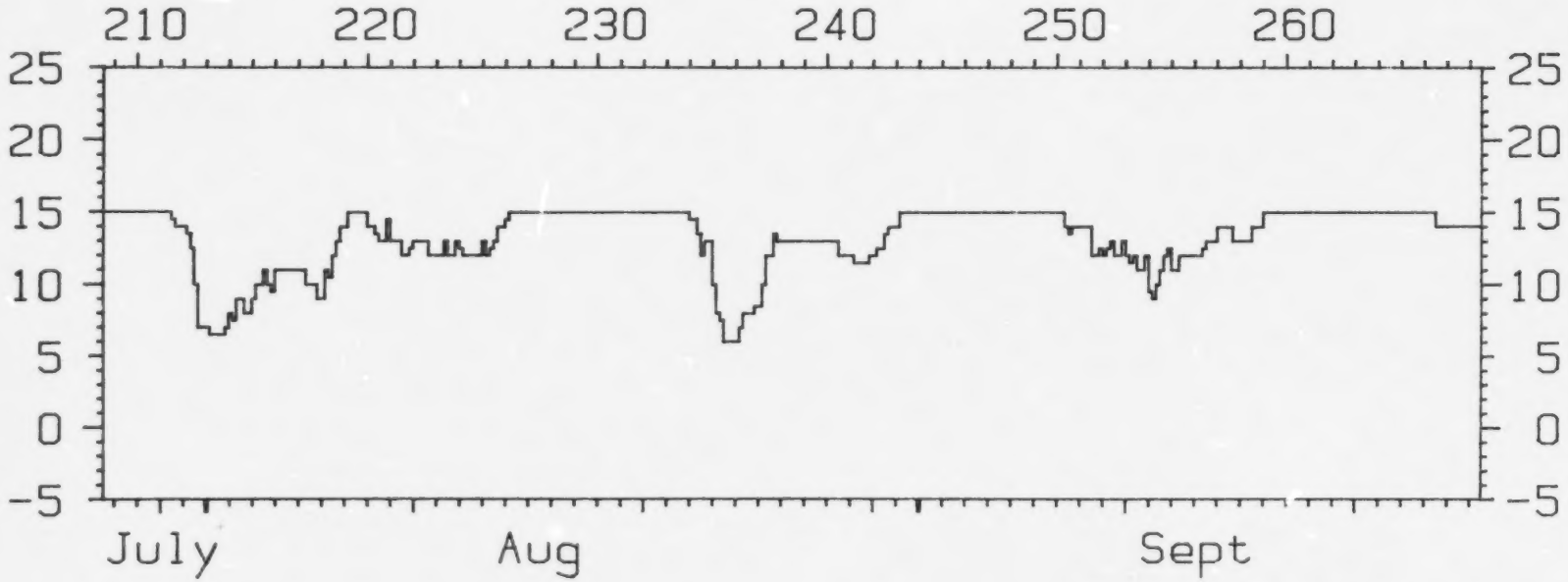
Instrument : 62917

Station 28

DORTS COVE NS (Page 2)

Pos. : 45.36, 61.43 Depth : 19 meters

July 27, 1983 12:00 GMT to Sept 25, 1983 12:00 GMT

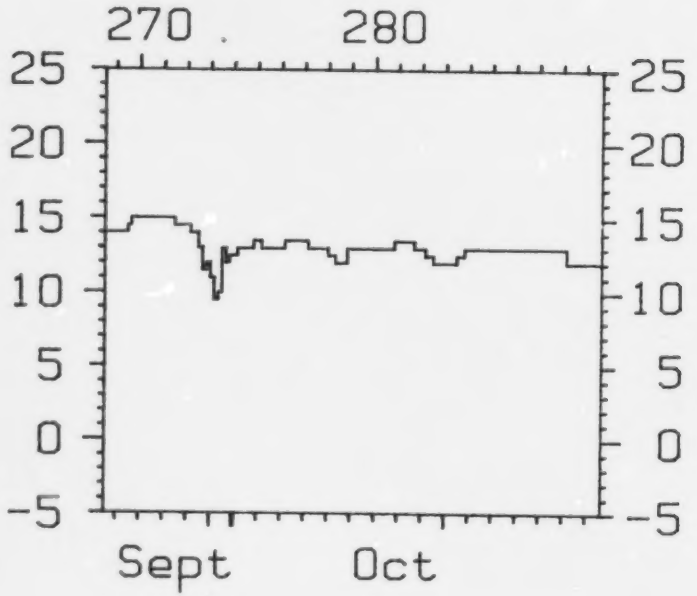


Instrument : 62917

DORTS COVE NS (Page 3)

Pos. : 45.36, 61.43 Depth : 19 meters

Sept 25, 1983 12:00 GMT to Oct 16, 1983 16:00 GMT

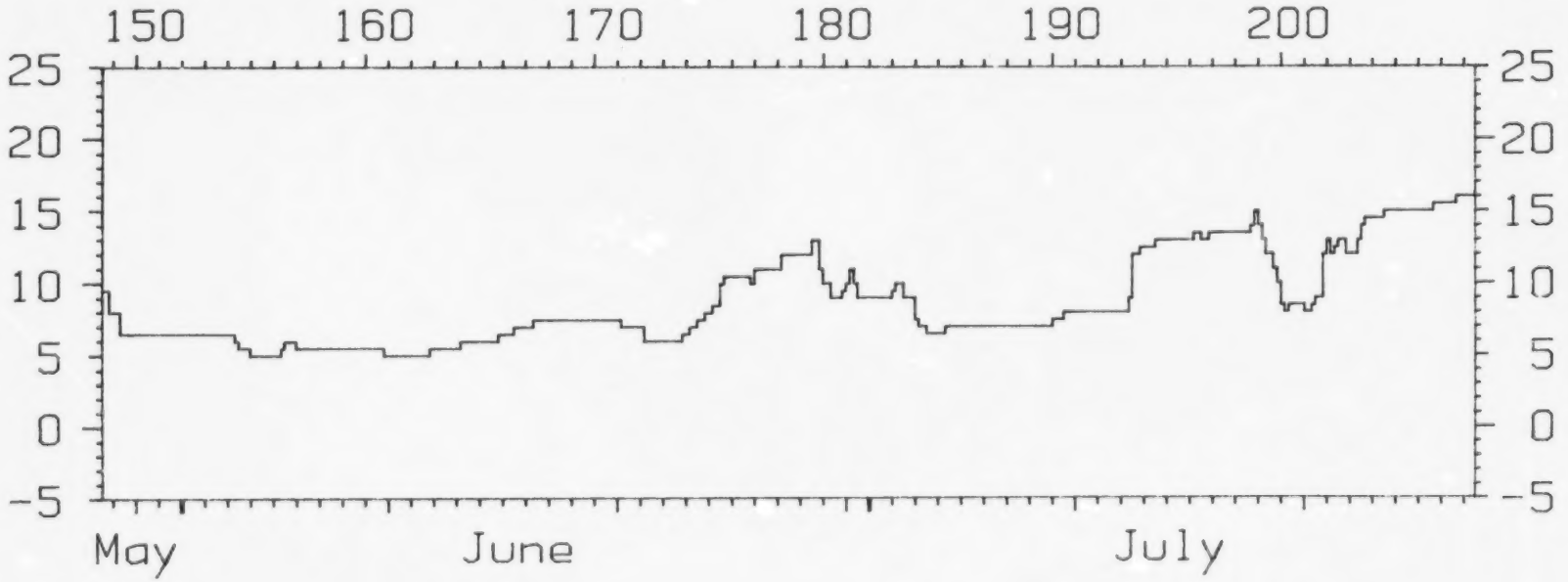


Instrument : 62917

ISLE MADAME NS (Page 1)

Pos. : 45.6, 60.95 Depth : 18 meters

May 28, 1983 12:00 GMT to July 27, 1983 12:00 GMT



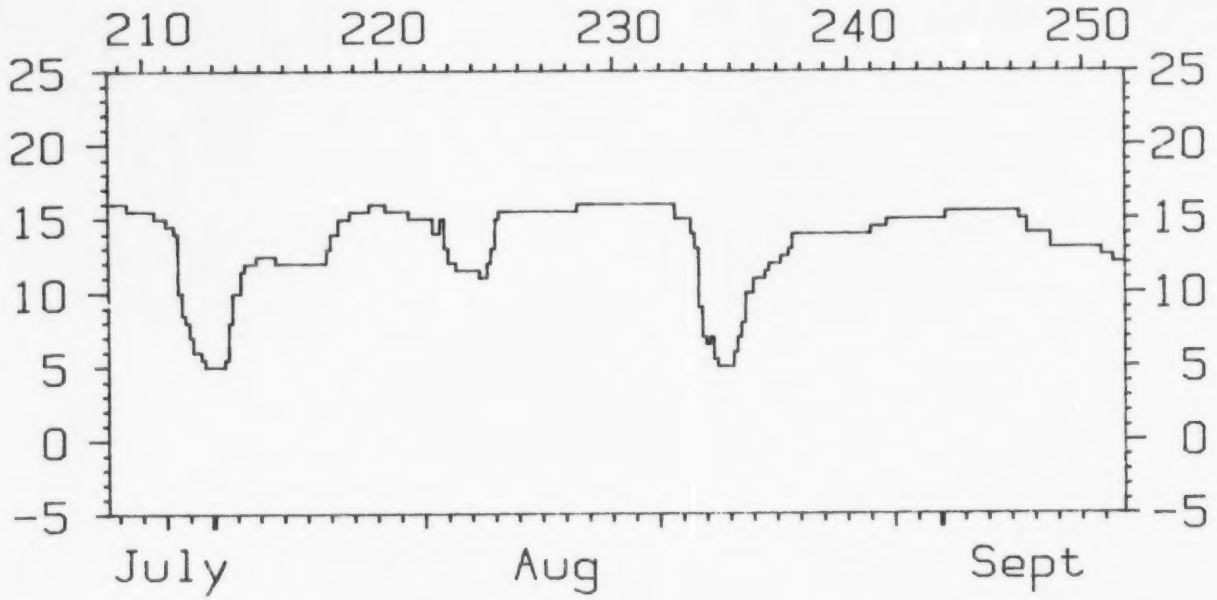
Instrument : 61734

Station 29A

ISLE MADAME NS (Page 2)

Pos. : 45.6, 60.95 Depth : 18 meters

July 27, 1983 12:00 GMT to Sept 8, 1983 20:00 GMT

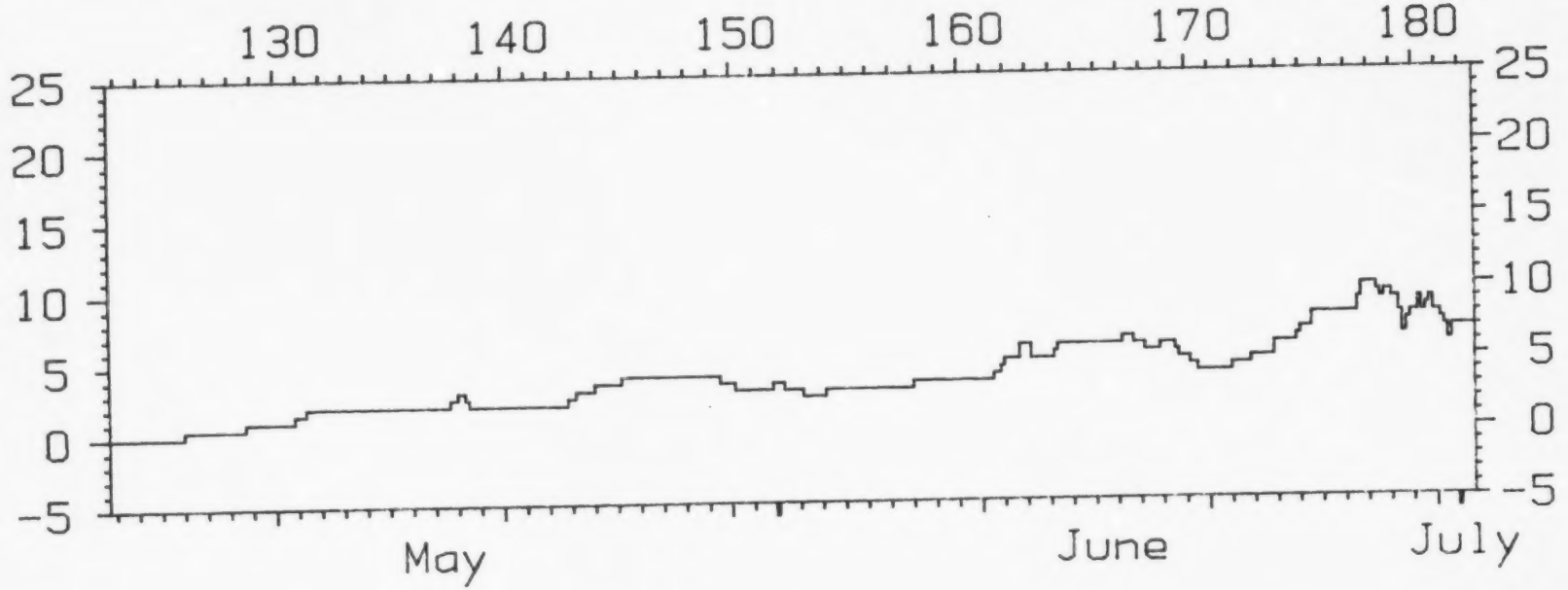


Instrument : 61734

FOURCHU NS (Page 1)

Pos. : 45.69, 60.2 Depth : 22 meters

May 2, 1983 16:00 GMT to July 1, 1983 16:00 GMT



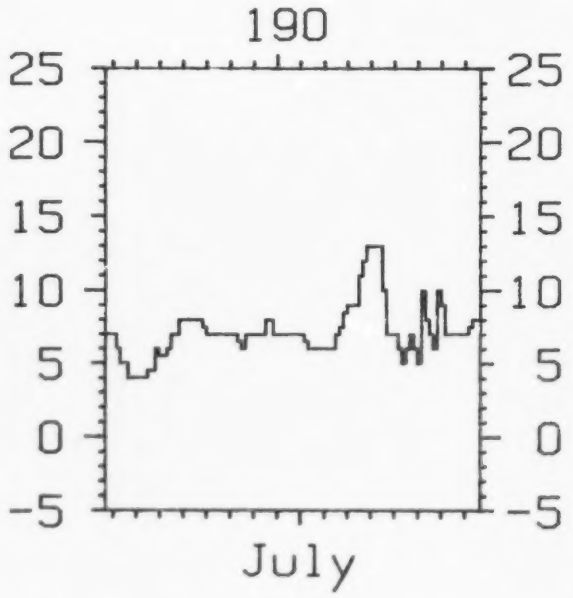
Instrument : 62463

Station 30A

FOURCHU NS (Page 2)

Pos. : 45.69, 60.2 Depth : 22 meters

July 1, 1983 16:00 GMT to July 17, 1983 16:00 GMT

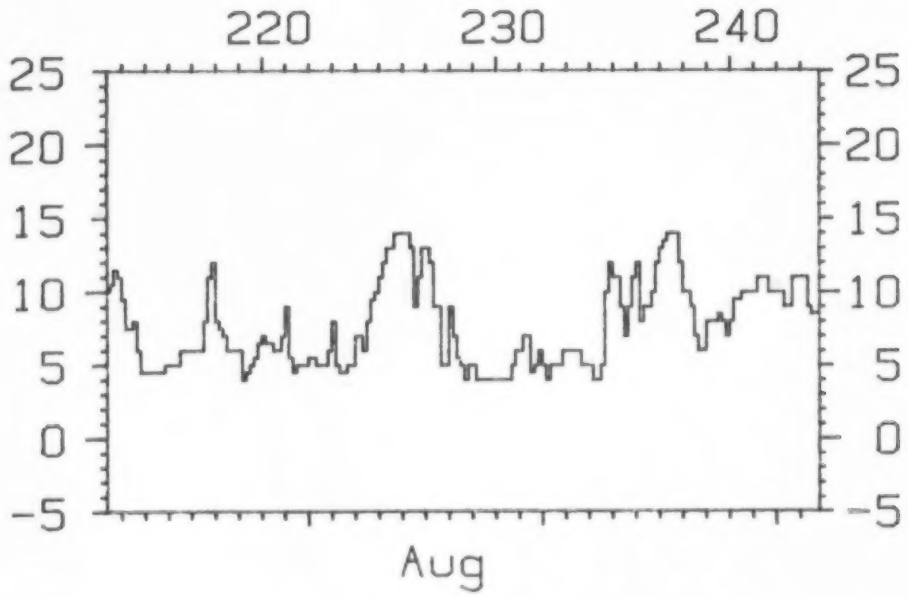


Instrument : 62463

GABARUS NS

Pos. : 45.81, 60.05 Depth : 36 meters

Aug 1, 1983 08:00 GMT to Aug 31, 1983 20:00 GMT



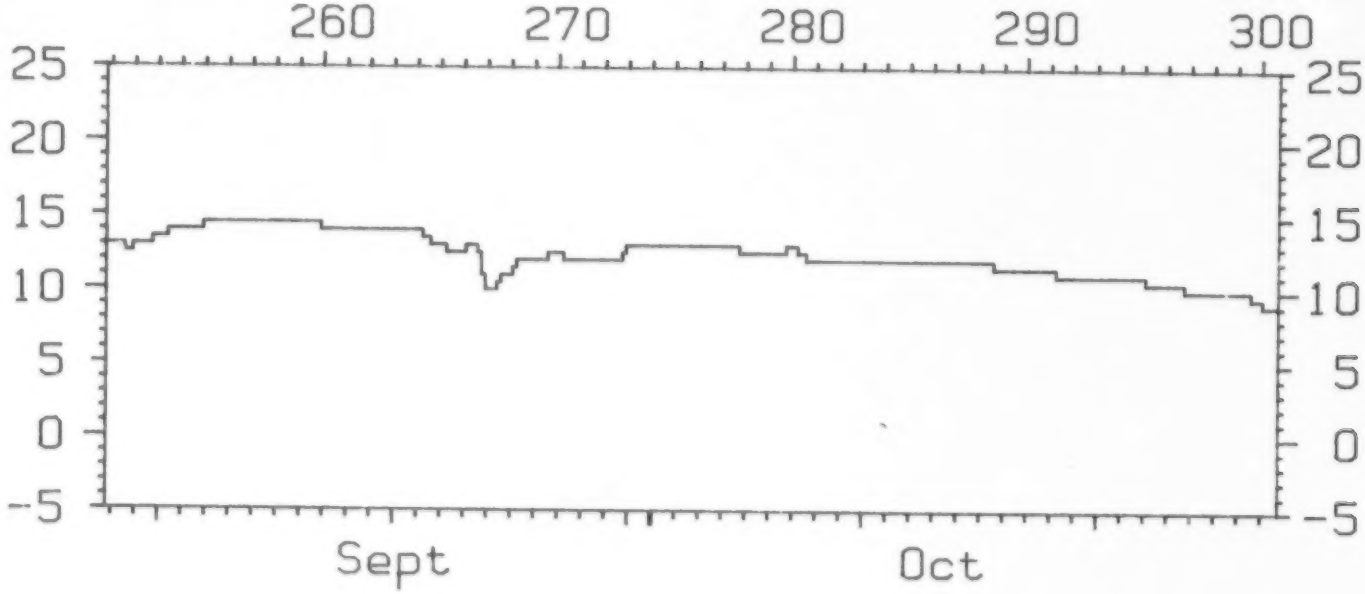
Instrument : 62903

Station 31A

LOUISBOURG HARBOUR NS

Pos. : 45.91, 59.97 Depth : 8 meters

Sept 7, 1983 18:00 GMT to Oct 27, 1983 18:00 GMT



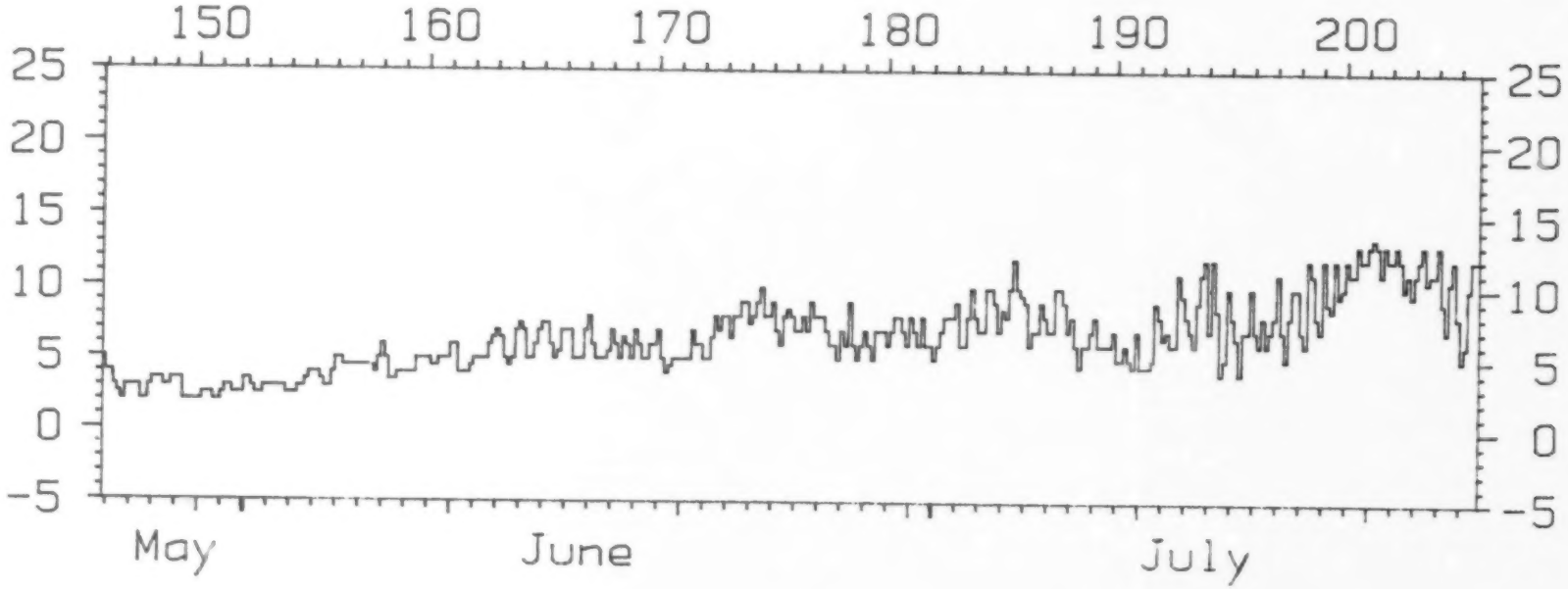
Instrument : 62542

Station 32

MAIN A DIEU NS (Page 1)

Pos. : 45.99, 59.75 Depth : 11 meters

May 25, 1983 20:00 GMT to July 24, 1983 20:00 GMT



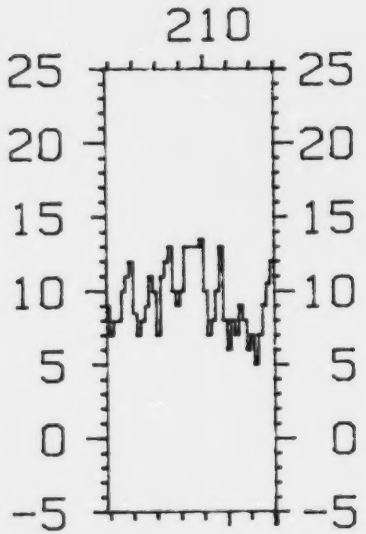
Instrument : 60860

Station 33

MAIN A DIEU NS (Page 2)

Pos. : 45.99, 59.75 Depth : 11 meters

July 24, 1983 20:00 GMT to Aug 1, 1983 00:00 GMT

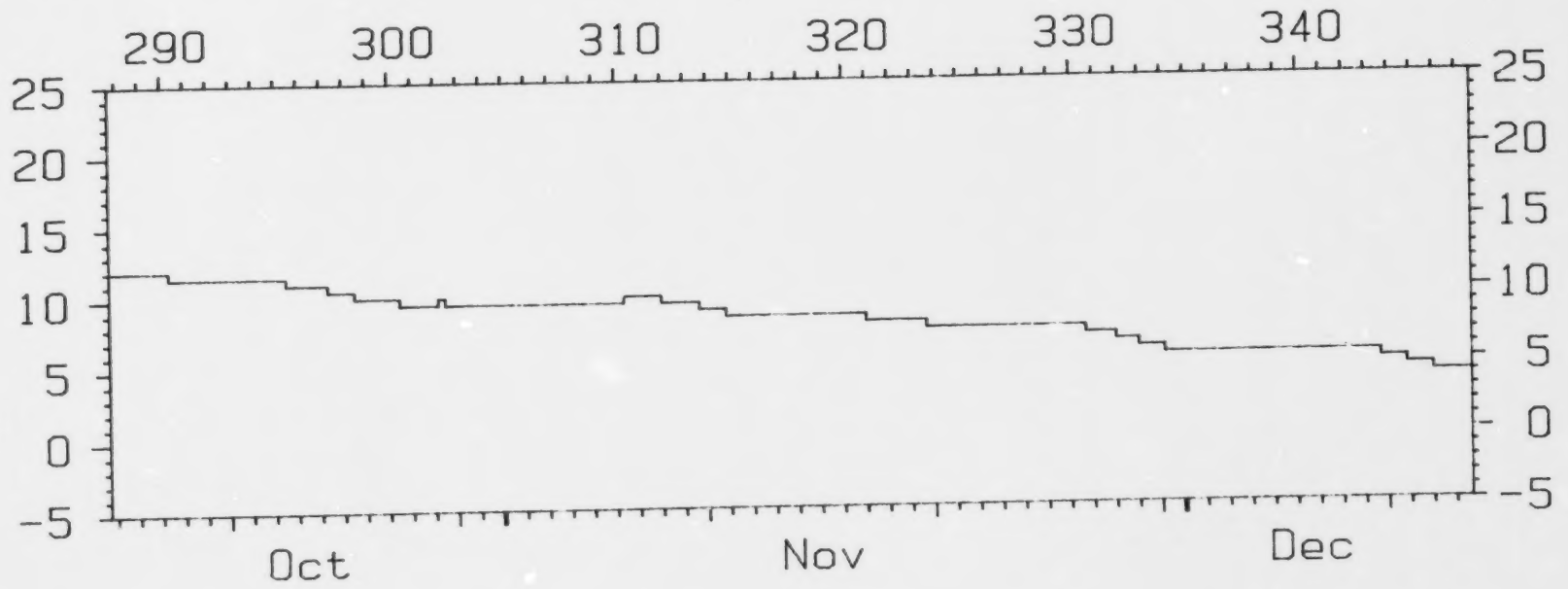


Instrument : 60860

SEAL ISLAND NS (Page 1)

Pos. : 46.19, 60.55 Depth : 8 meters

Oct 14, 1982 16:00 GMT to Dec 13, 1982 16:00 GMT



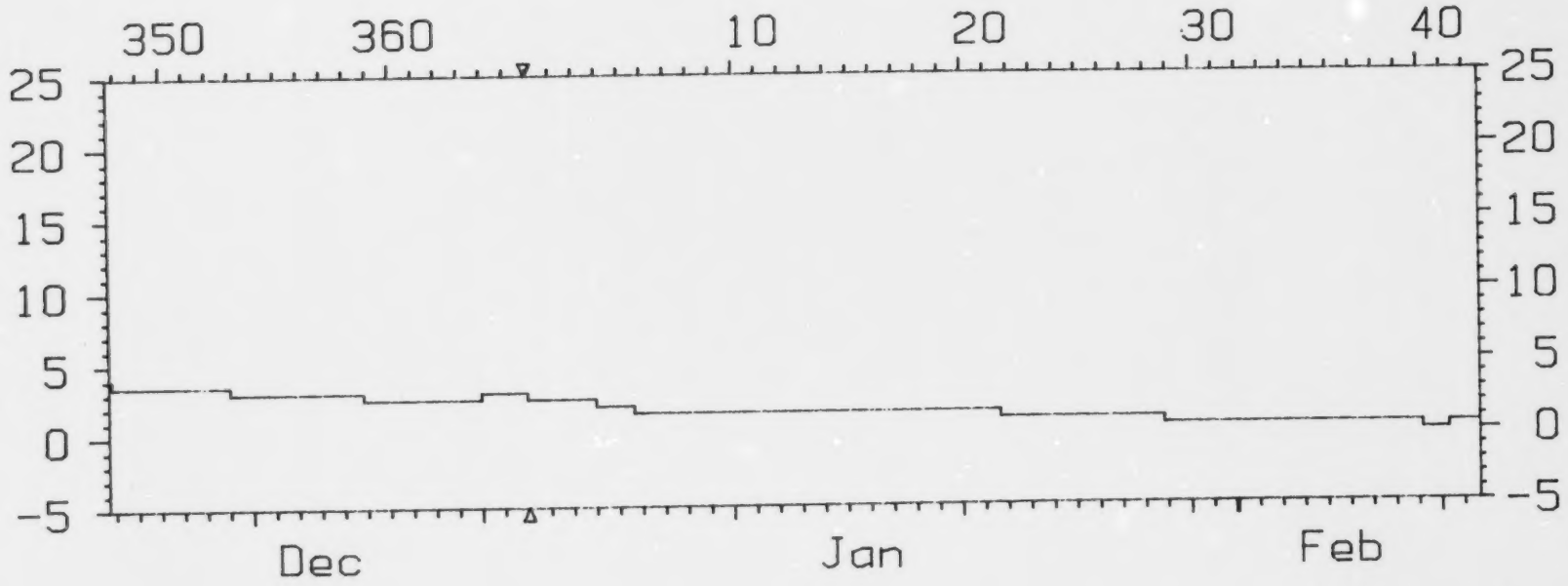
Instrument : 61659

Station 34A

SEAL ISLAND NS (Page 2)

Pos. : 46.19, 60.55 Depth : 8 meters

Dec 13, 1982 16:00 GMT to Feb 11, 1983 16:00 GMT

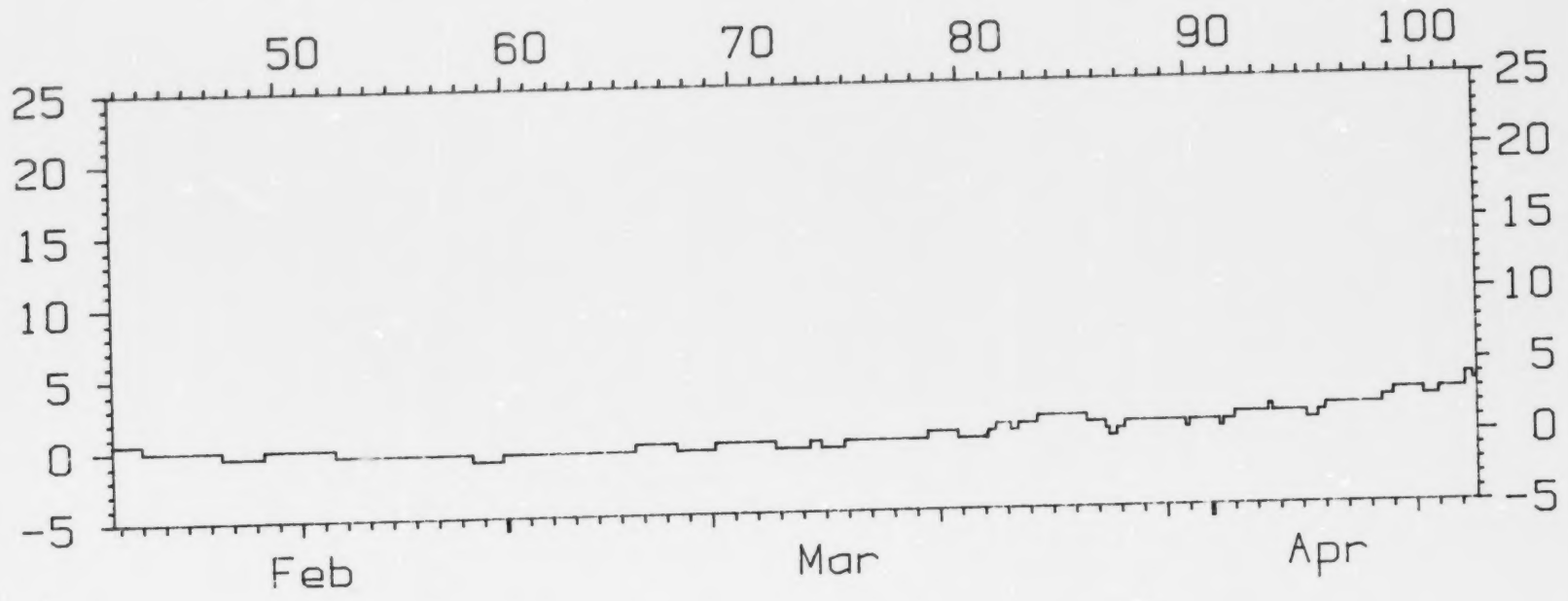


Instrument : 61659

SEAL ISLAND NS (Page 3)

Pos. : 46.19, 60.55 Depth : 8 meters

Feb 11, 1983 16:00 GMT to Apr 12, 1983 16:00 GMT

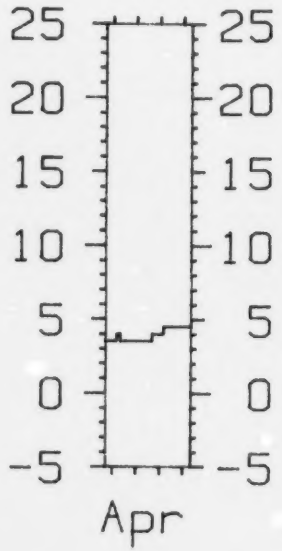


Instrument : 61659

SEAL ISLAND NS (Page 4)

Pos. : 46.19, 60.55 Depth : 8 meters

Apr 12, 1983 16:00 GMT to Apr 16, 1983 08:00 GMT

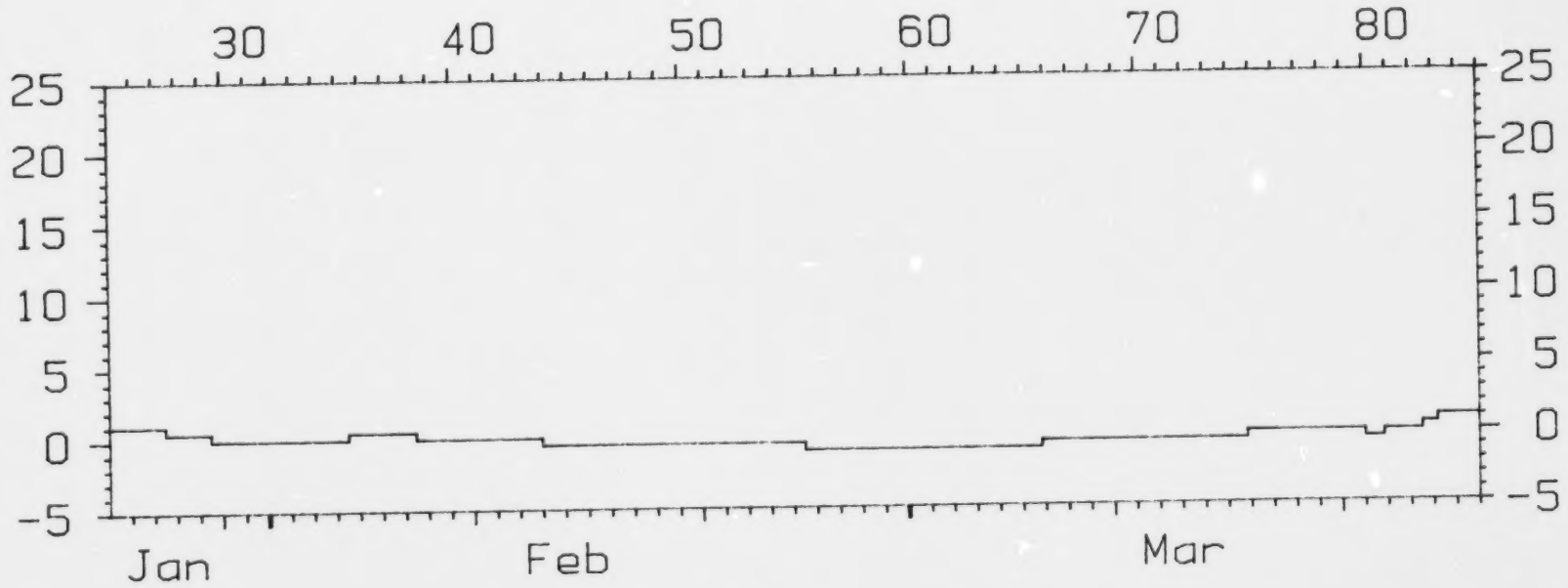


Instrument : 61659

SEAL ISLAND NS (Page 1)

Pos. : 46.19, 60.55 Depth : 8 meters

Jan 25, 1983 00:00 GMT to Mar 26, 1983 00:00 GMT



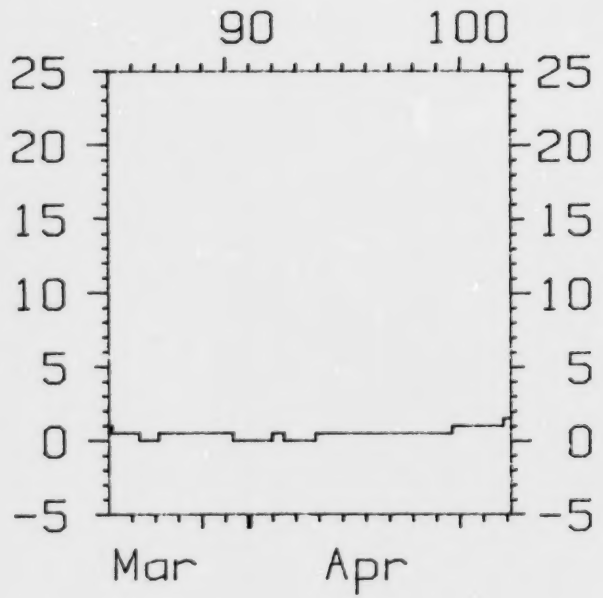
Instrument : 61663

Station 34B

SEAL ISLAND NS (Page 2)

Pos. : 46.19, 60.55 Depth : 8 meters

Mar 26, 1983 00:00 GMT to Apr 12, 1983 04:00 GMT

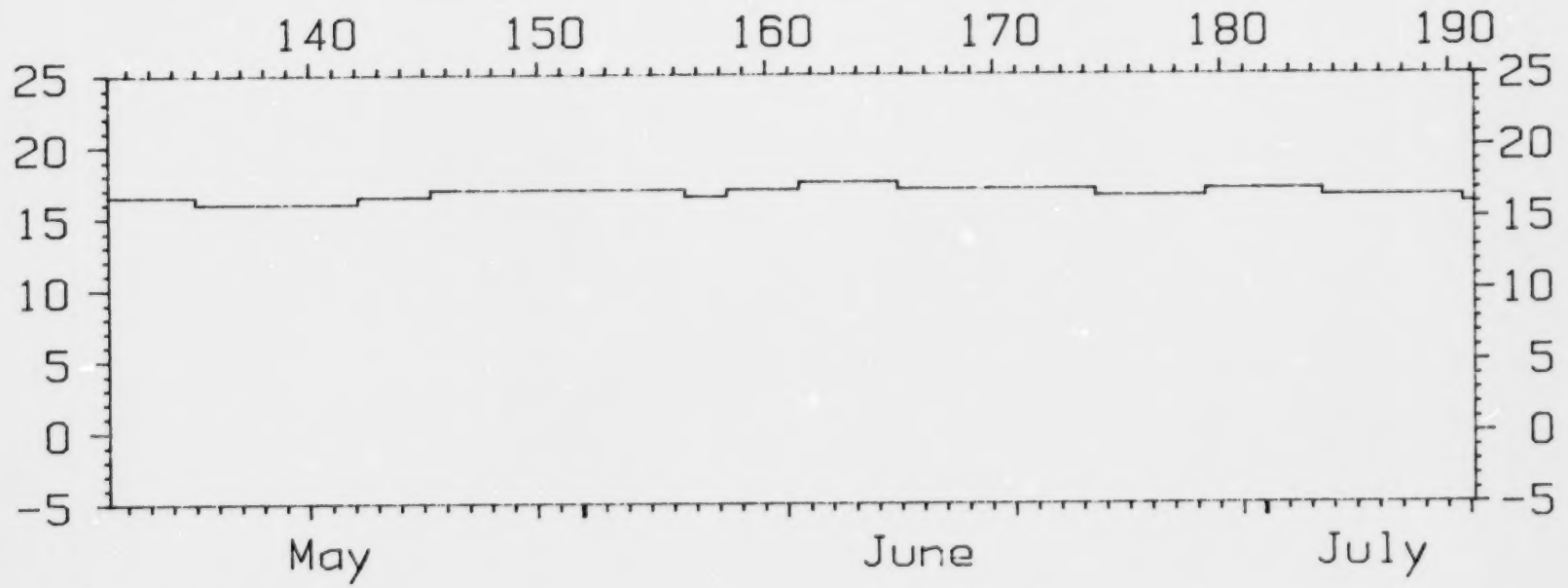


Instrument : 61663

SEAL ISLAND NS (Page 1)

Pos. : 46.19, 60.55 Depth : 6 meters

May 11, 1983 04:00 GMT to July 10, 1983 04:00 GMT



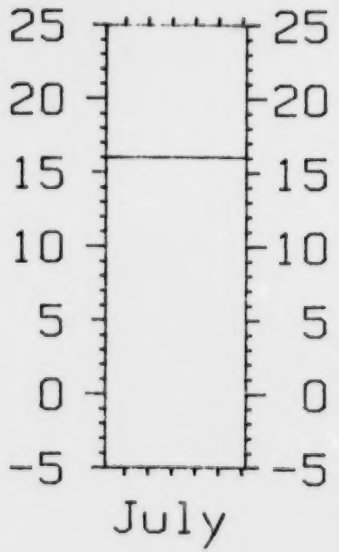
Instrument : 62468

Station 34C

SEAL ISLAND NS (Page 2)

Pos. : 46.19, 60.55 Depth : 6 meters

July 10, 1983 04:00 GMT to July 16, 1983 04:00 GMT

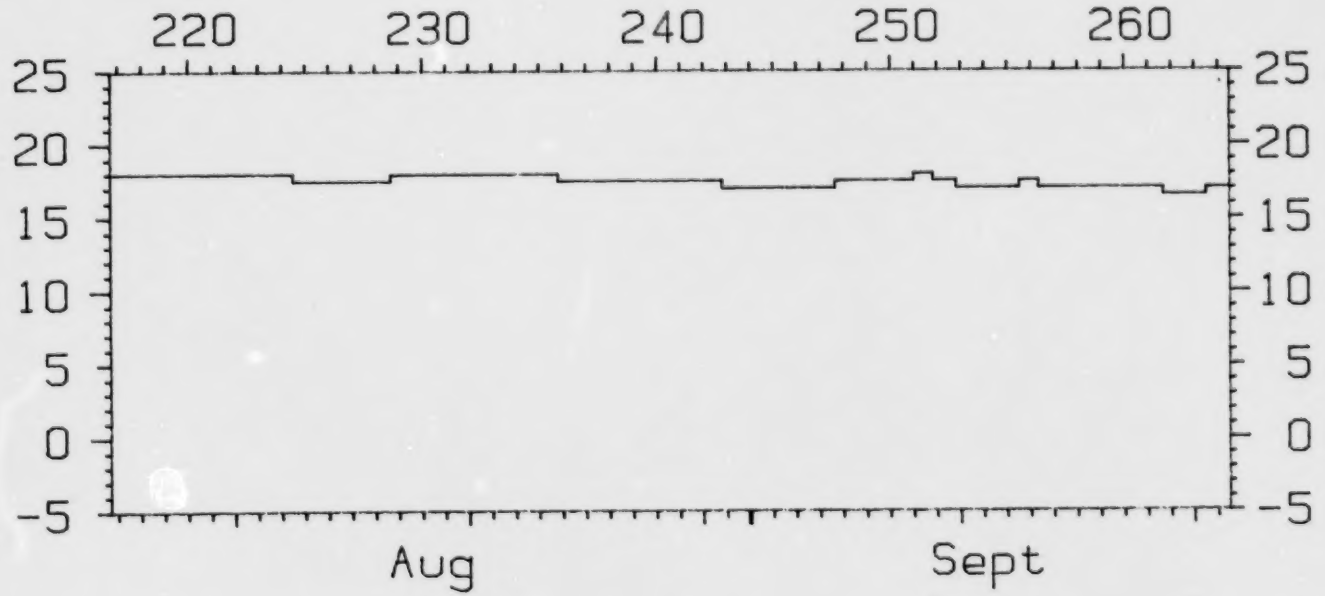


Instrument : 62468

SEAL ISLAND NS

Pos. : 46.19, 60.55 Depth : 9 meters

Aug 4, 1983 16:00 GMT to Sept 21, 1983 12:00 GMT



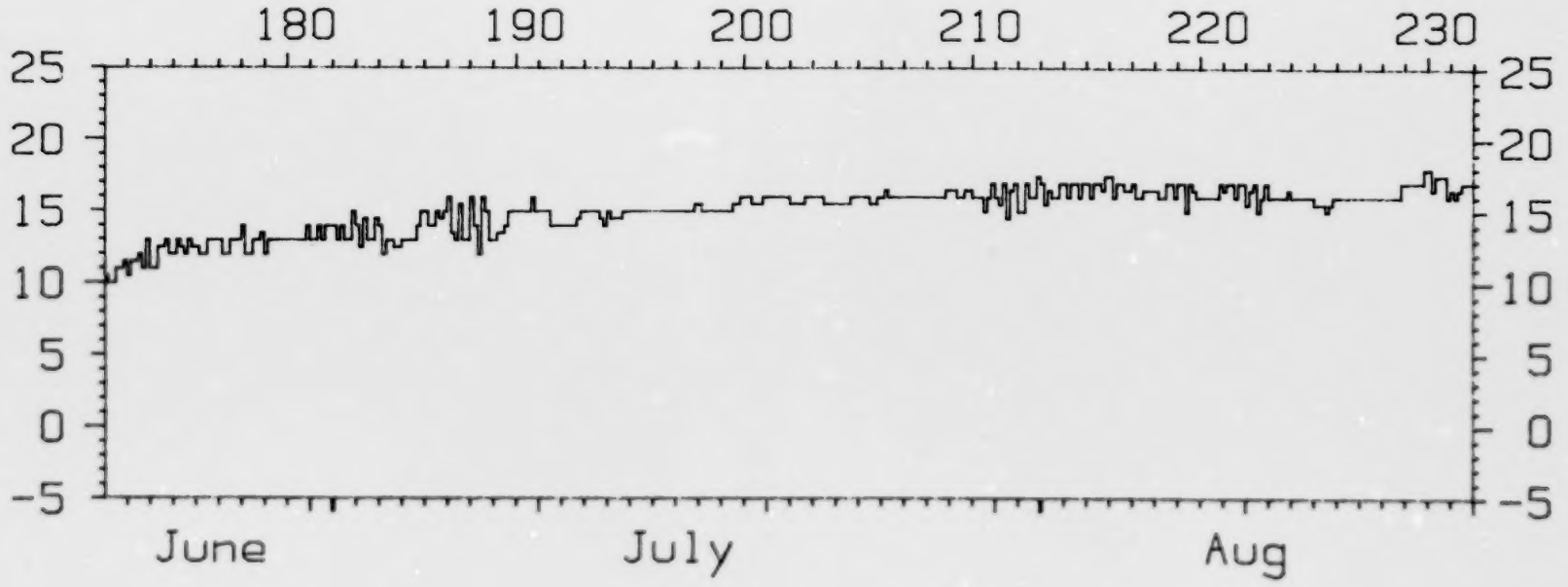
Instrument : 62501

Station 34D

ENGLISHTOWN NS (Page 1)

Pos. : 46.3, 60.36 Depth : 11 meters

June 21, 1983 00:00 GMT to Aug 20, 1983 00:00 GMT

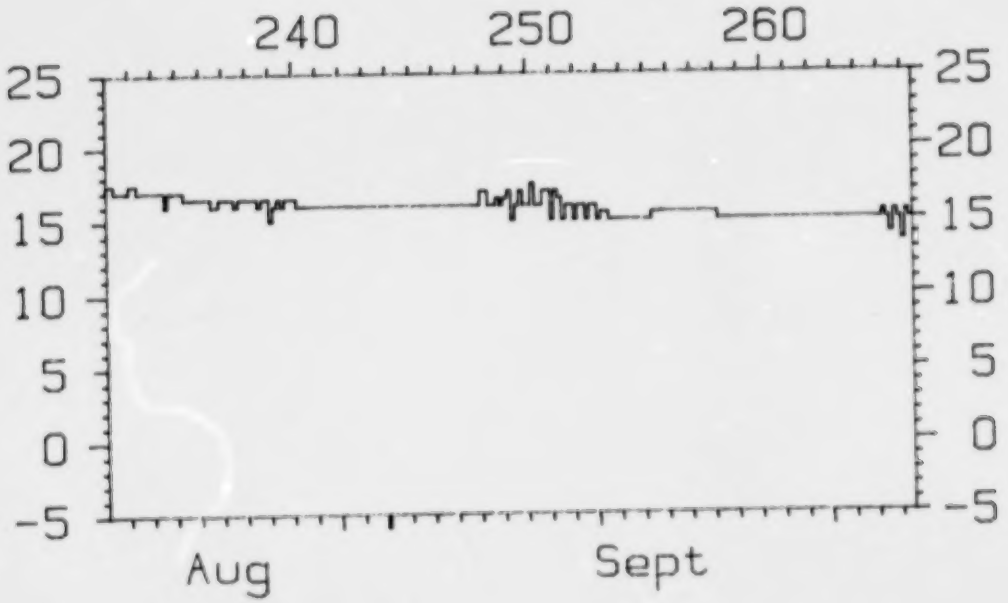


Instrument : 61676

ENGLISHTOWN NS (Page 2)

Pos. : 46. 3, 60. 36 Depth : 11 meters

Aug 20, 1983 00:00 GMT to Sept 23, 1983 12:00 GMT



Instrument : 61676

SECTION 9

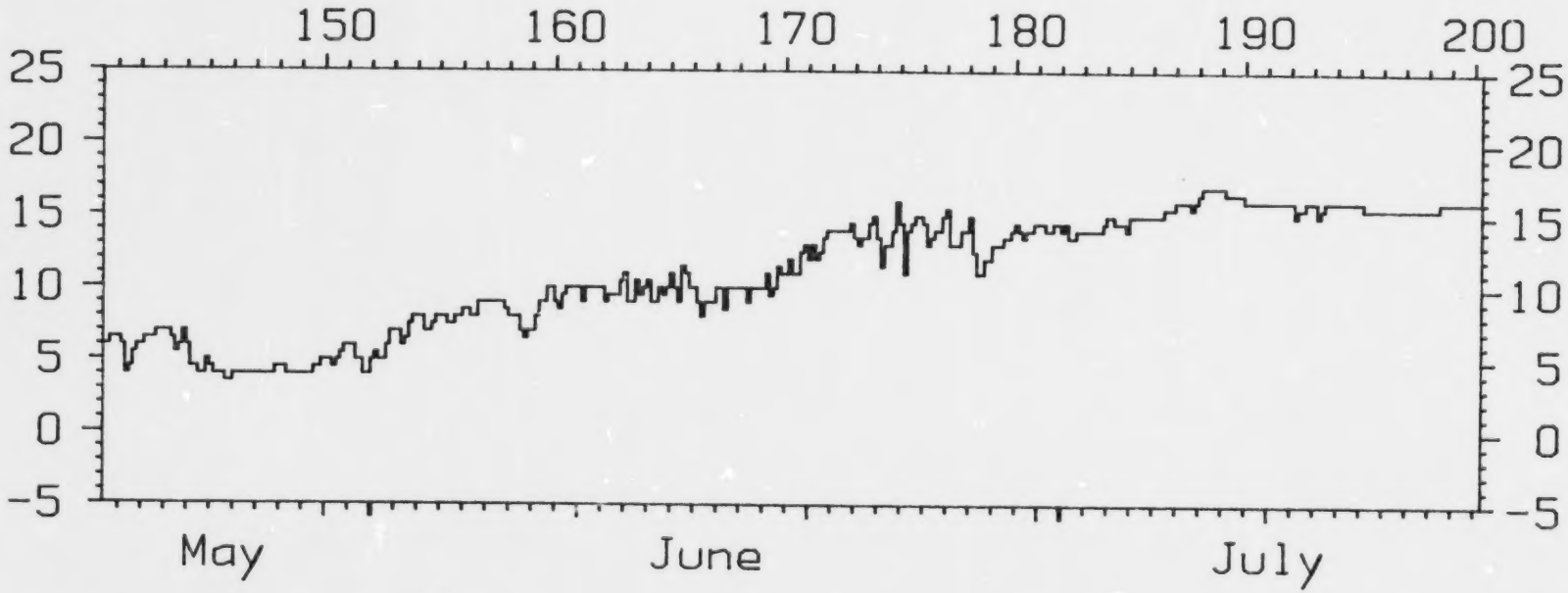
AREA 2: GULF

TEMPERATURE RECORDS

PICTOU ISLAND NS (Page 1)

Pos. : 45.81, 62.45 Depth : 19 meters

May 20, 1983 08:00 GMT to July 19, 1983 08:00 GMT



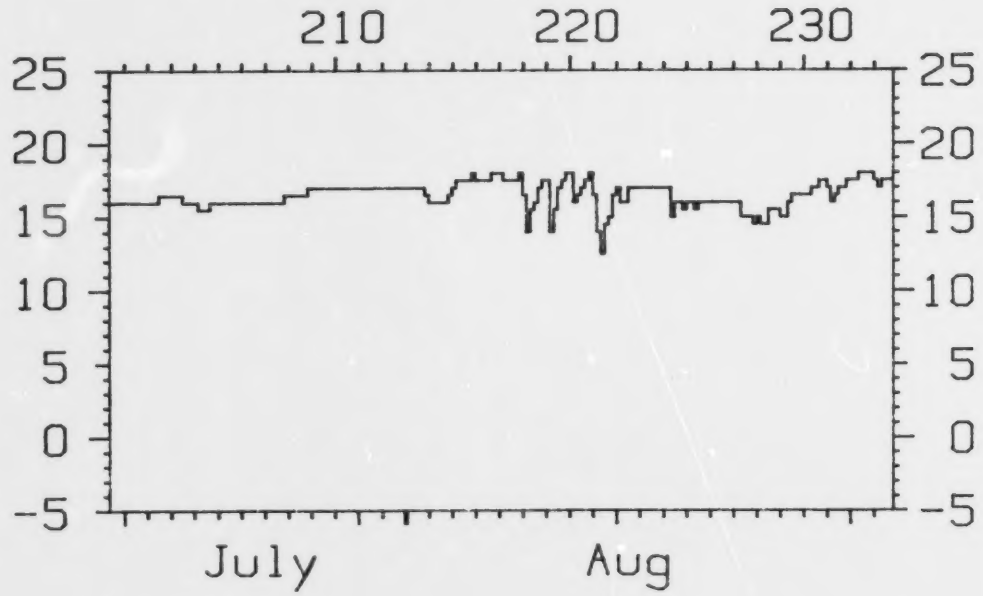
Instrument : 61689

Station 38

PICTOU ISLAND NS (Page 2)

Pos. : 45.81, 62.45 Depth : 19 meters

July 19, 1983 08:00 GMT to Aug 21, 1983 20:00 GMT

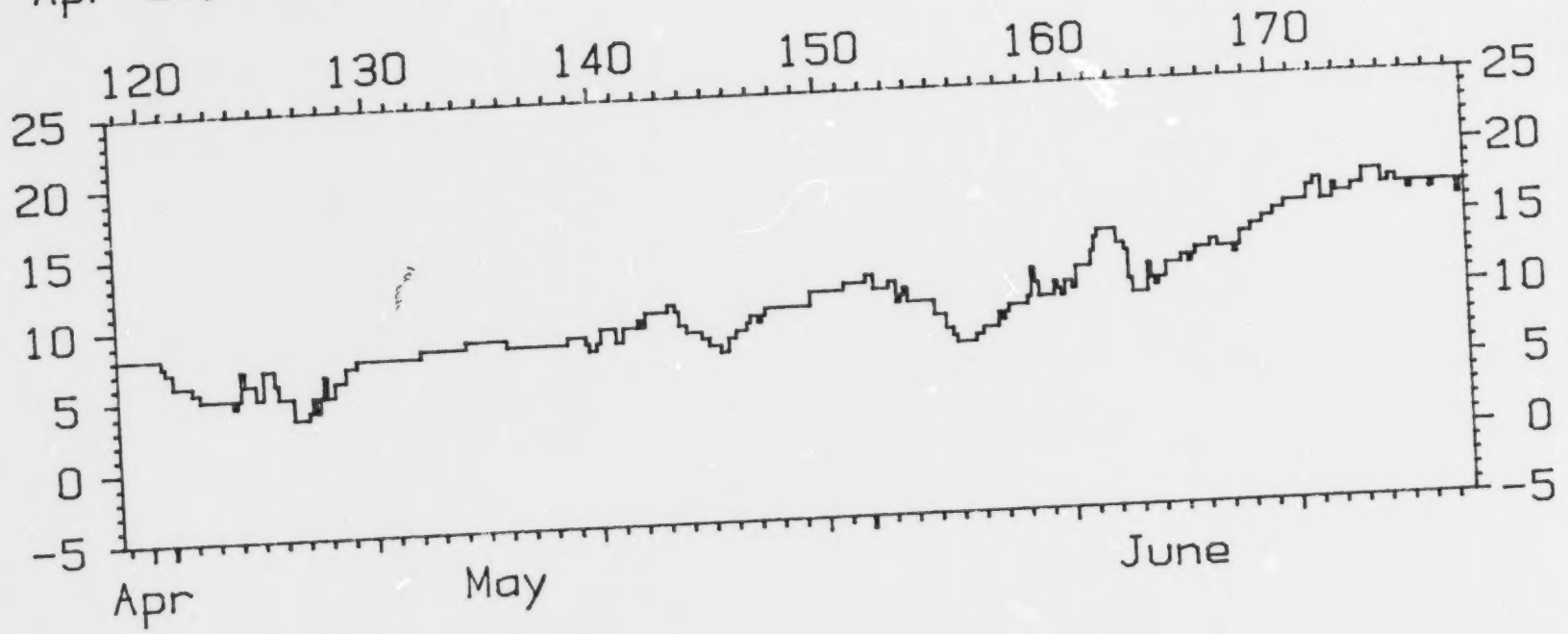


Instrument : 61689

VICTORIA PEI

Pos. : 46.18, 63.48 Depth : 11 meters

Apr 28, 1983 16:00 GMT to June 27, 1983 16:00 GMT

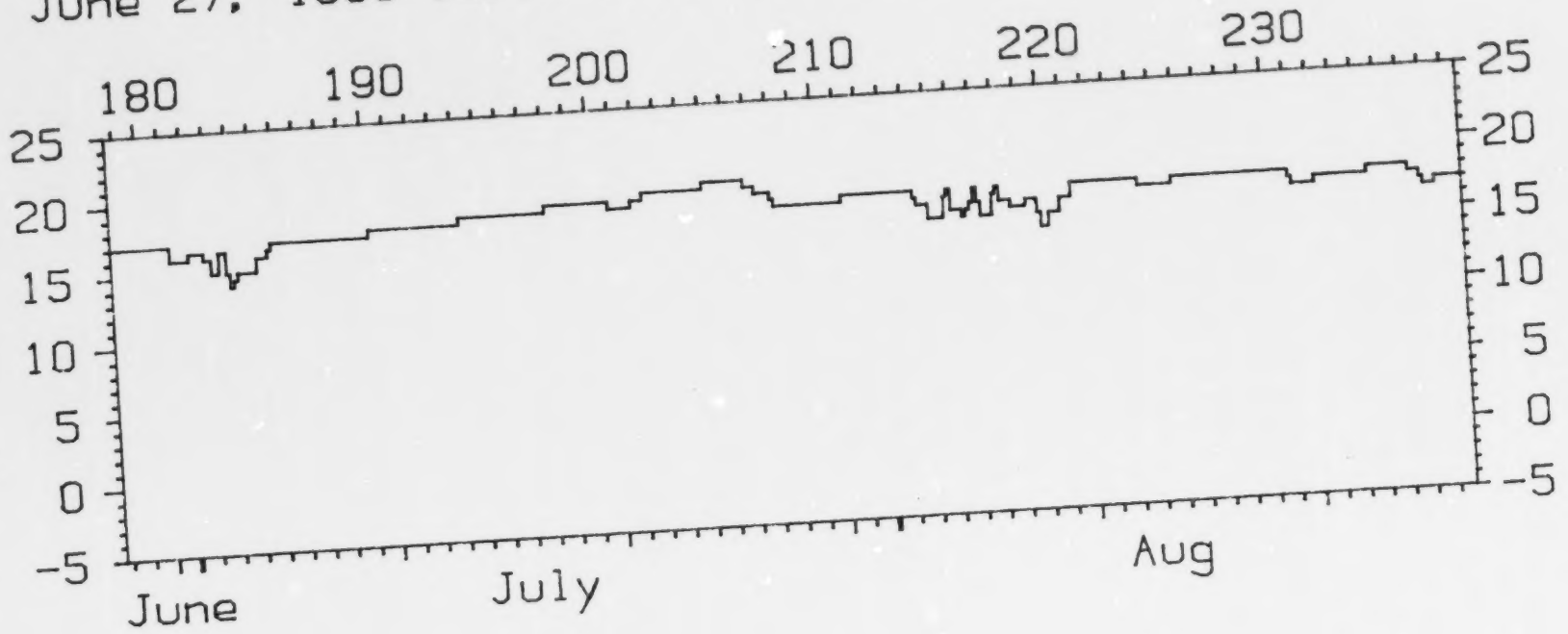


Instrument : 61638

VICTORIA PEI

Pos. : 46.18, 63.48 Depth : 11 meters

June 27, 1983 16:00 GMT to Aug 26, 1983 16:00 GMT

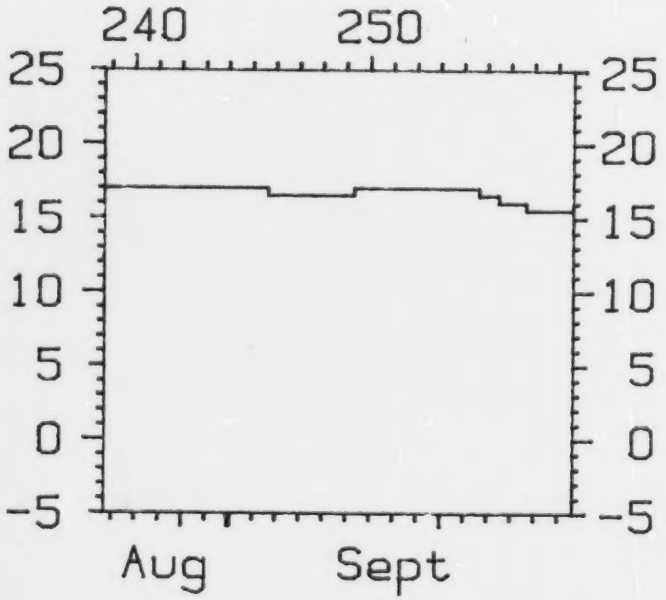


Instrument : 61638

VICTORIA PEI (Page 3)

Pos. : 46.18, 63.48 Depth : 11 meters

Aug 26, 1983 16:00 GMT to Sept 15, 1983 16:00 GMT

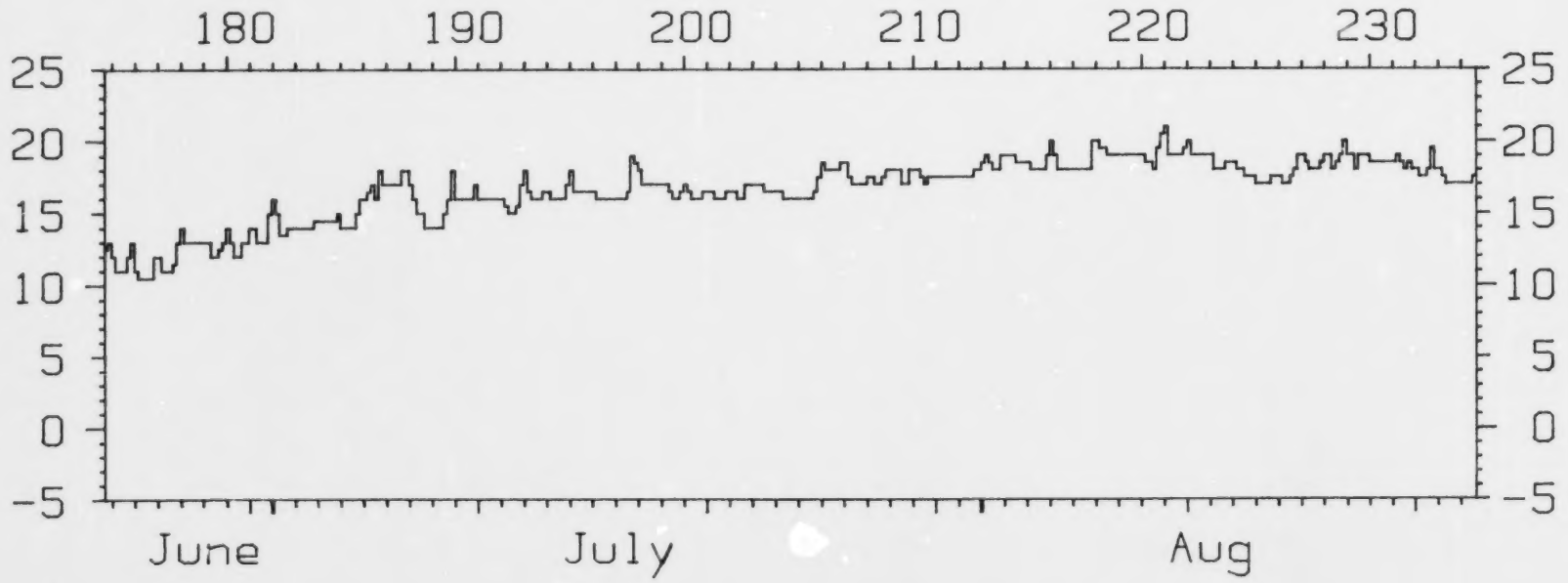


Instrument : 61638

BORDEN PEI (Page 1)

Pos. : 46.32, 63.73

June 23, 1983 16:00 GMT to Aug 22, 1983 16:00 GMT



Instrument : 62873

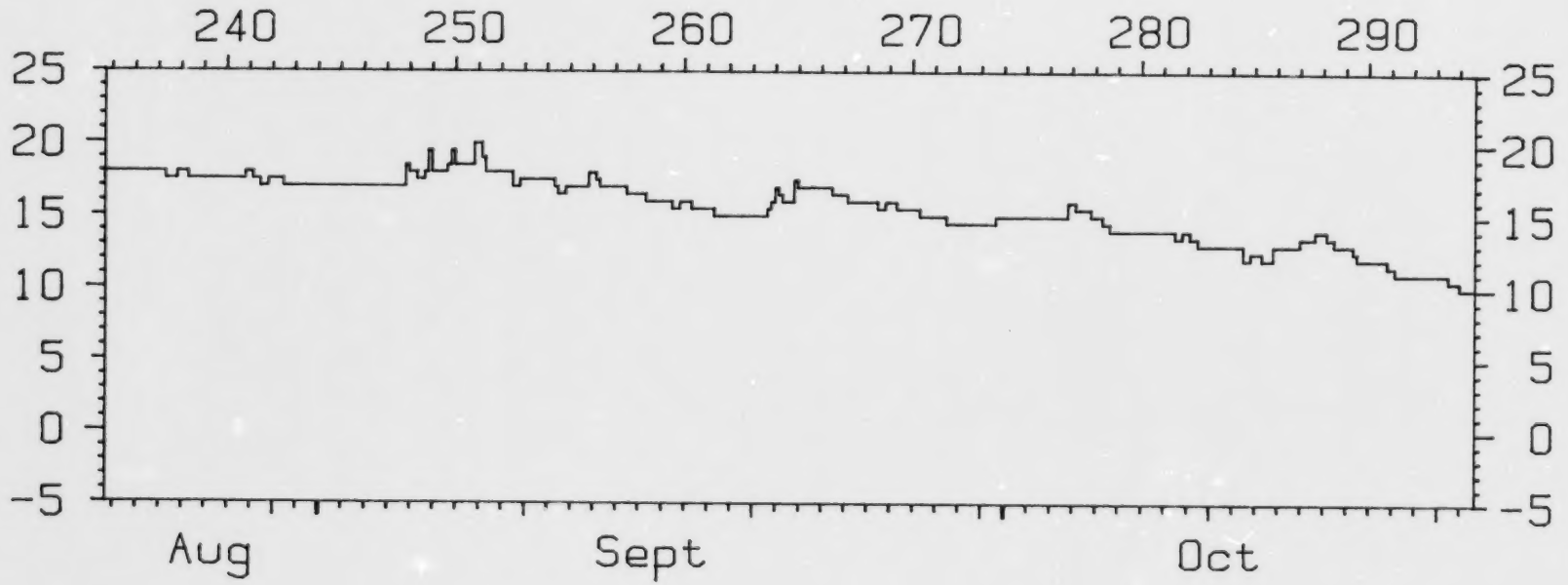
MOORED AT SURFACE

Station 41A

BORDEN PEI (Page 2)

Pos. : 46.32, 63.73

Aug 22, 1983 16:00 GMT to Oct 21, 1983 16:00 GMT



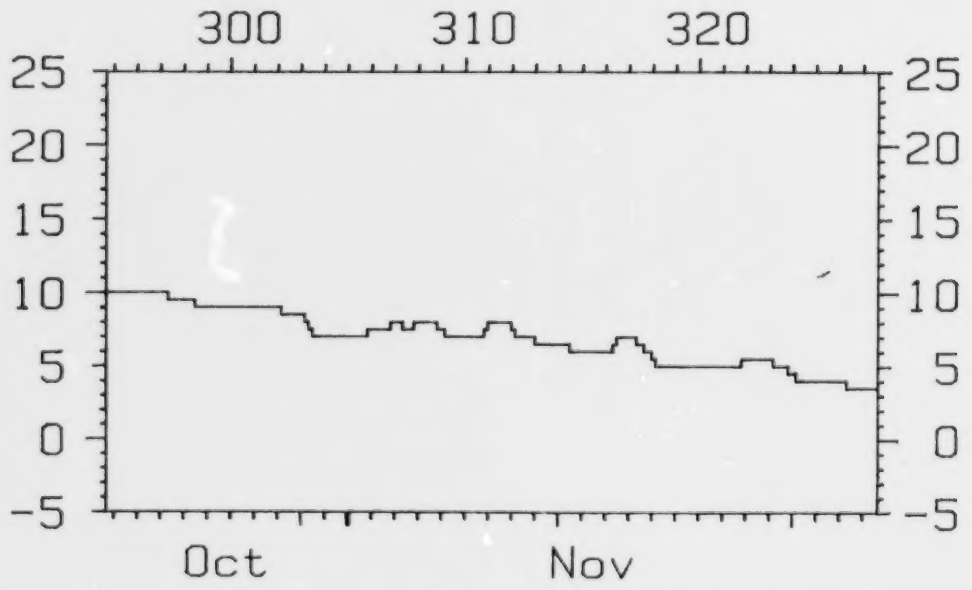
Instrument : 62873

MOORED AT SURFACE

BORDEN PEI (Page 3)

Pos. : 46.32, 63.73

Oct 21, 1983 16:00 GMT to Nov 23, 1983 16:00 GMT



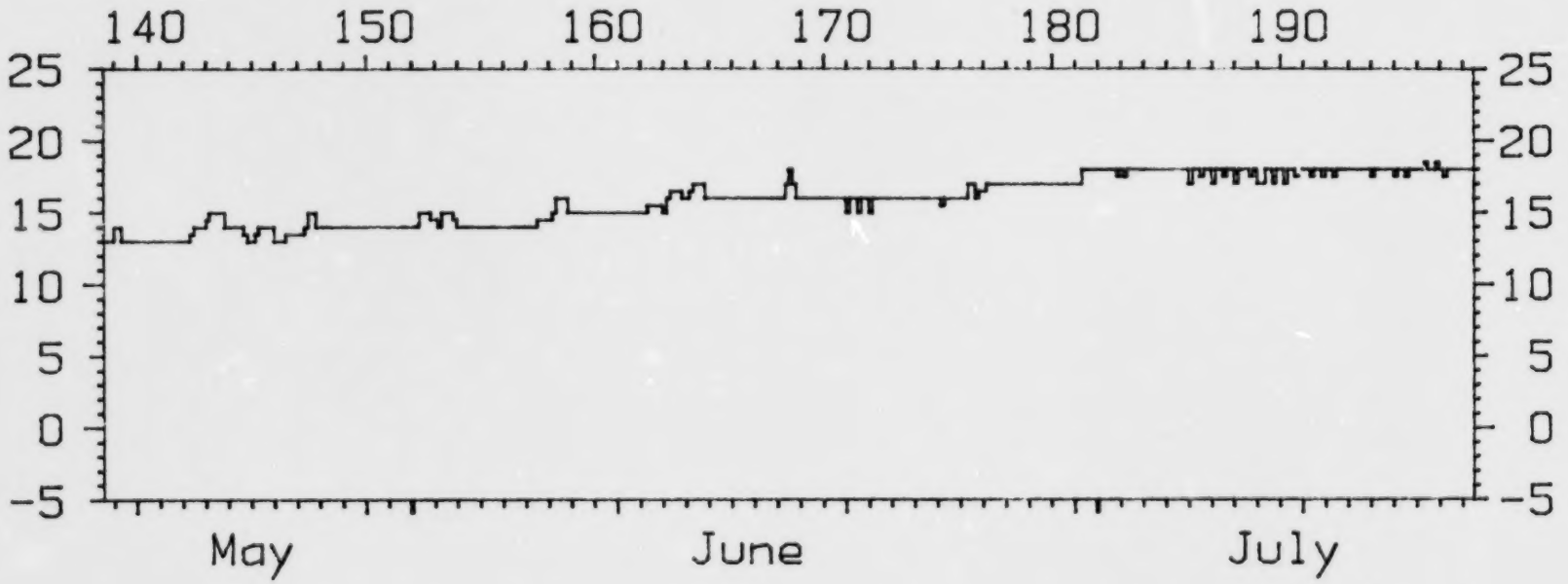
Instrument : 62873

MOORED AT SURFACE

EGMONT BAY PEI (Page 1)

Pos. : 46.38, 64.13 Depth : 12 meters

May 18, 1983 12:00 GMT to July 17, 1983 12:00 GMT



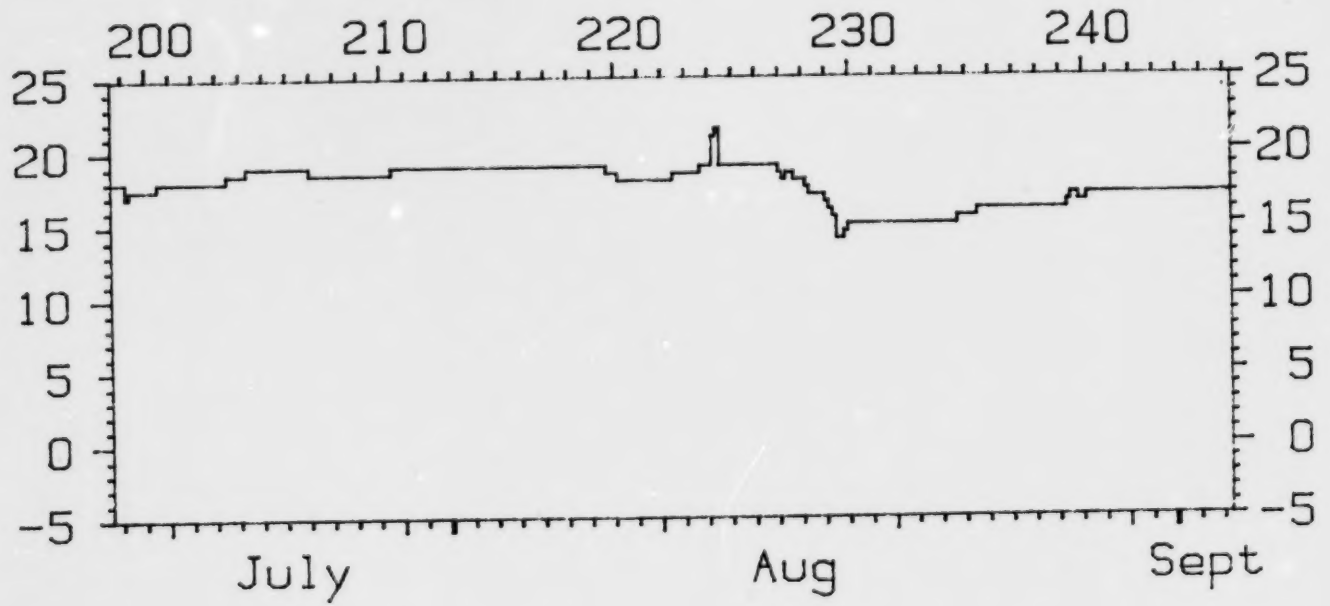
Instrument : 62913

Station 43

EGMONT BAY PEI (Page 2)

Pos. : 46.38, 64.13 Depth : 12 meters

July 17, 1983 12:00 GMT to Sept 3, 1983 08:00 GMT

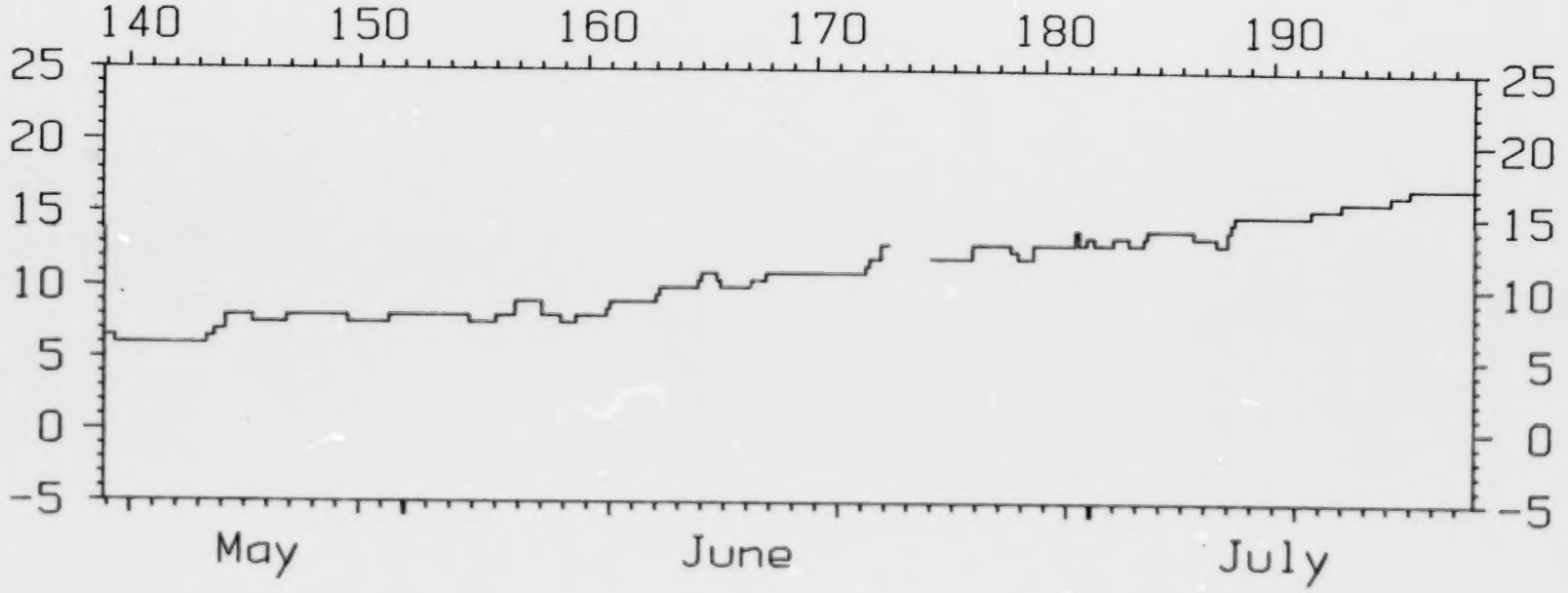


Instrument : 62913

SHEDIAC NB (Page 1)

Pos. : 46.39, 64.51 Depth : 19 meters

May 18, 1983 20:00 GMT to July 17, 1983 20:00 GMT



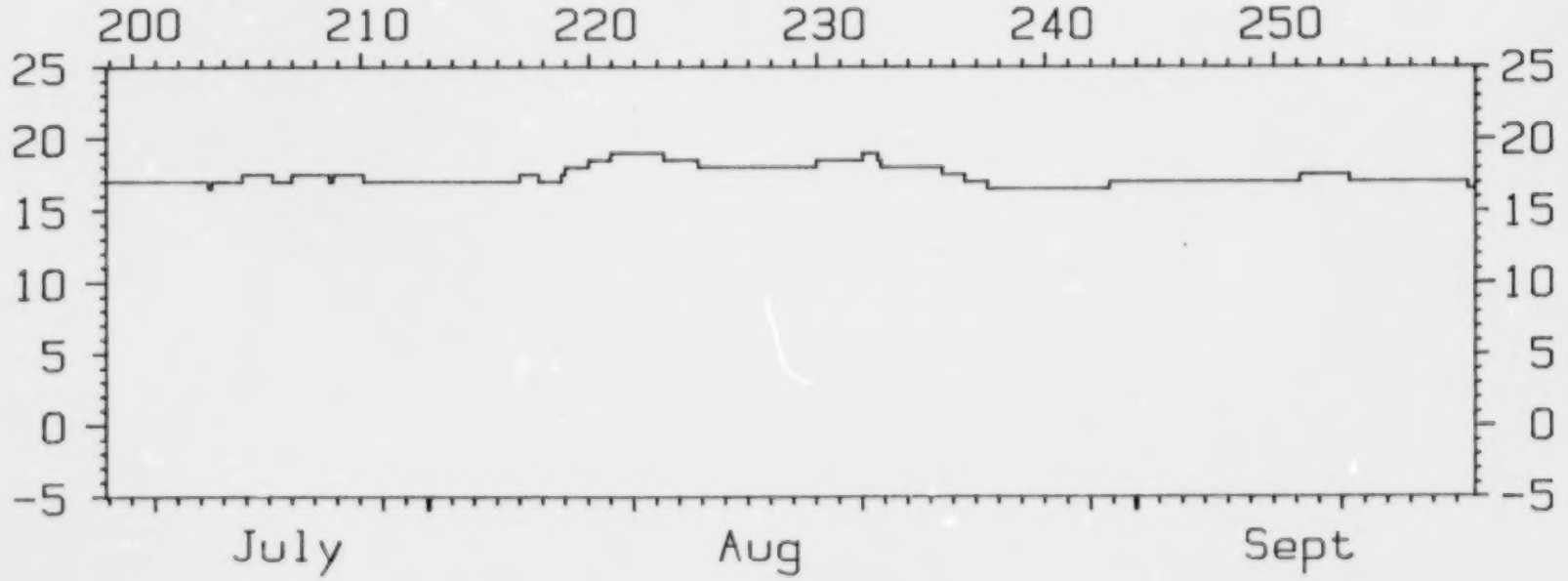
Instrument : 62915

Station 44

SHEDIAC NB (Page 2)

Pos. : 46.39, 64.51 Depth : 19 meters

July 17, 1983 20:00 GMT to Sept 15, 1983 20:00 GMT

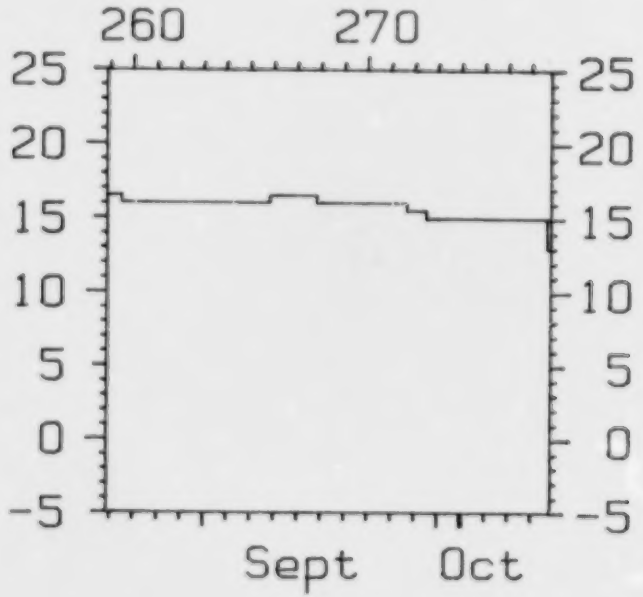


Instrument : 62915

SHEDIAC NB (Page 3)

Pos. : 46.39, 64.51 Depth : 19 meters

Sept 15, 1983 20:00 GMT to Oct 4, 1983 20:00 GMT

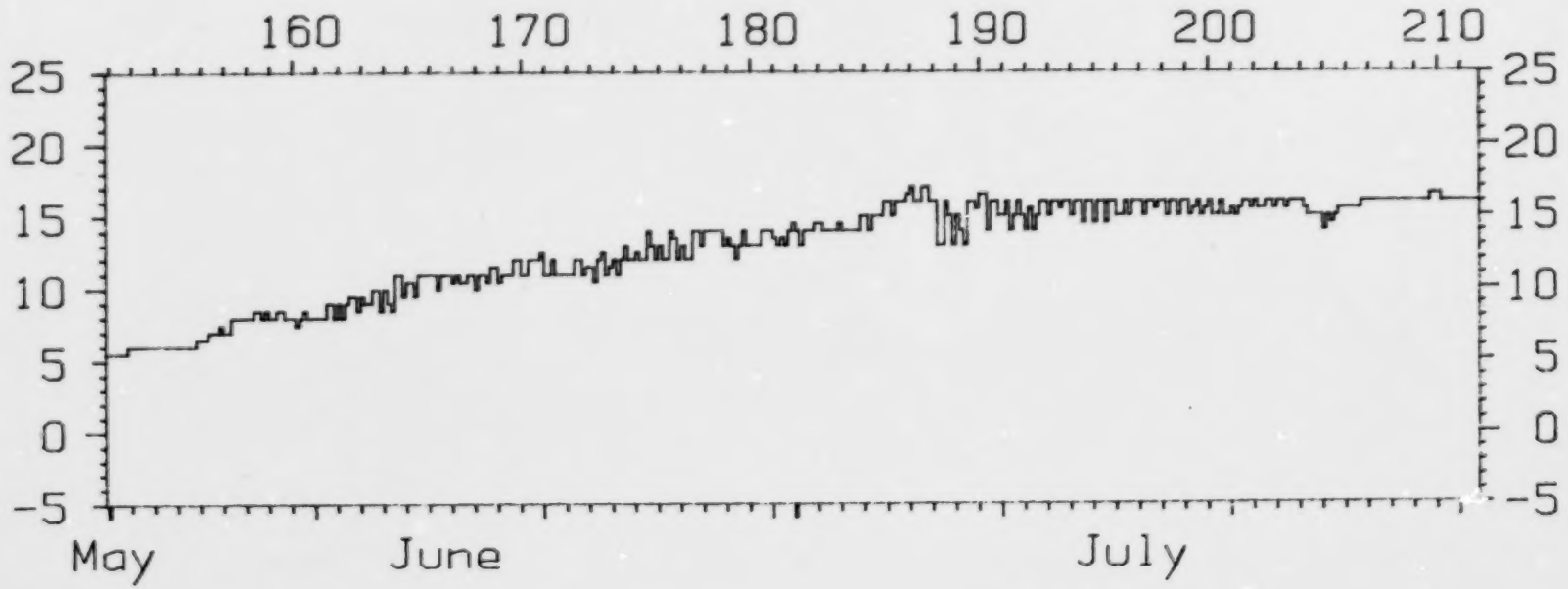


Instrument : 62915

WEST POINT PEI (Page 1)

Pos. : 46.66, 64.4 Depth : 11 meters

May 31, 1983 20:00 GMT to July 30, 1983 20:00 GMT



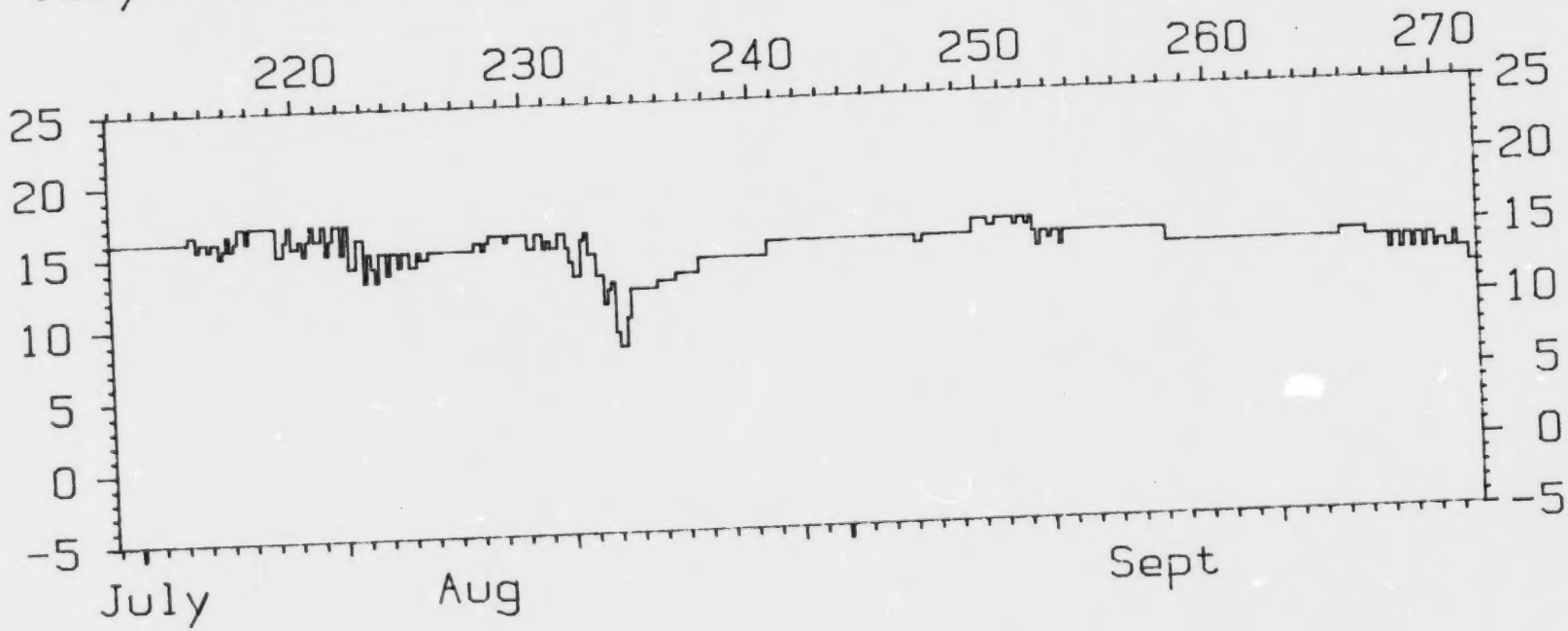
Instrument : 62467

Station 45

WEST POINT PEI

Pos. : 46.66, 64.4 Depth : 11 meters

July 30, 1983 20:00 GMT to Sept 28, 1983 20:00 GMT

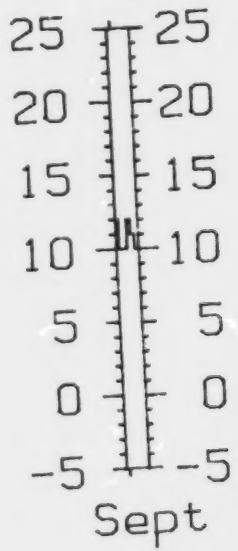


Instrument : 62467

WEST POINT PEI

Pos. : 46.66, 64.4 Depth : 11 meters

Sept 28, 1983 20:00 GMT to Sept 29, 1983 20:00 GMT

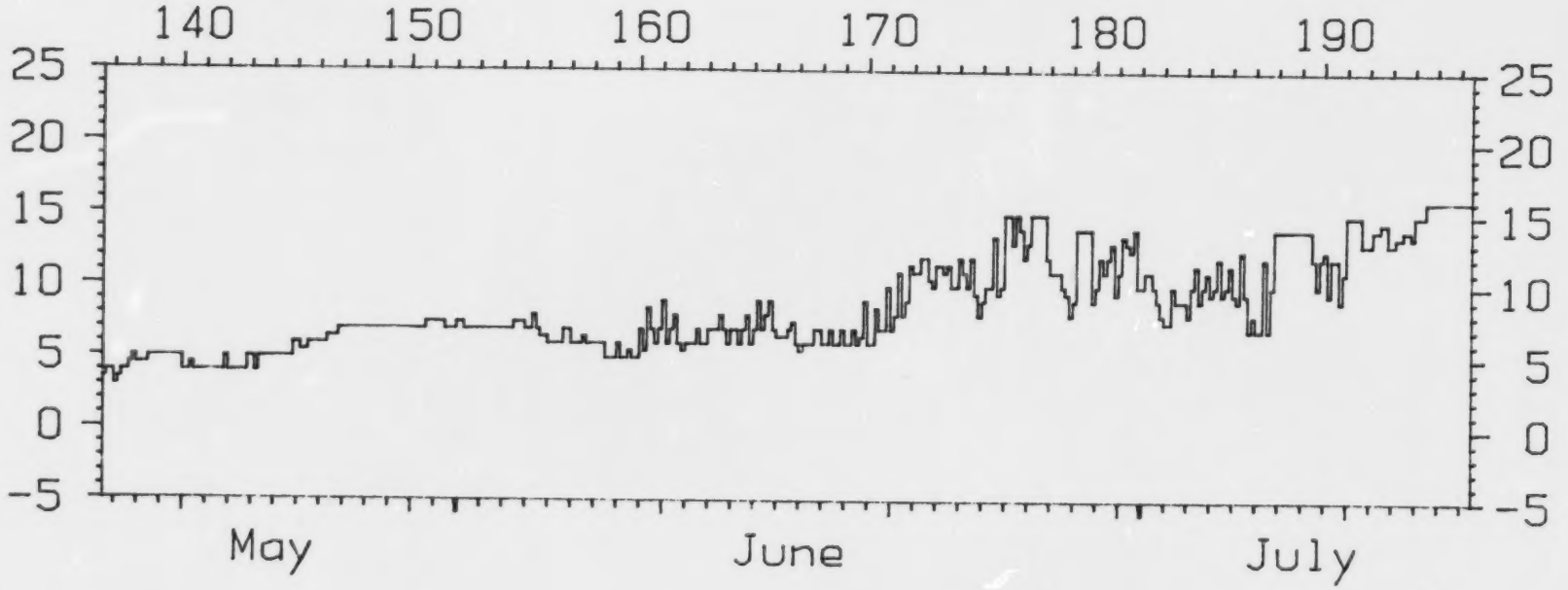


Instrument : 62467

RICHIBUCTO NB (Page 1)

Pos. : 46.8, 64.67 Depth : 19 meters

May 16, 1983 12:00 GMT to July 15, 1983 12:00 GMT



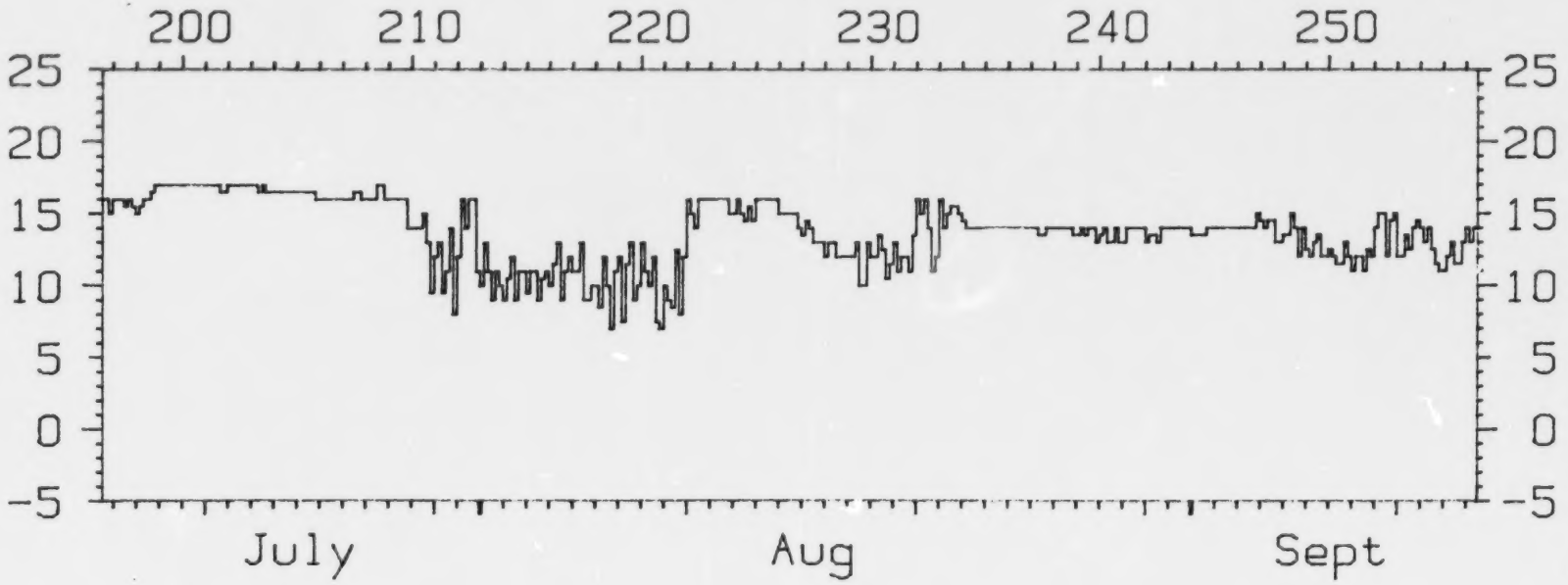
Instrument : 62876

Station 46

RICHIBUCTO NB (Page 2)

Pos. : 46.8, 64.67 Depth : 19 meters

July 15, 1983 12:00 GMT to Sept 13, 1983 12:00 GMT

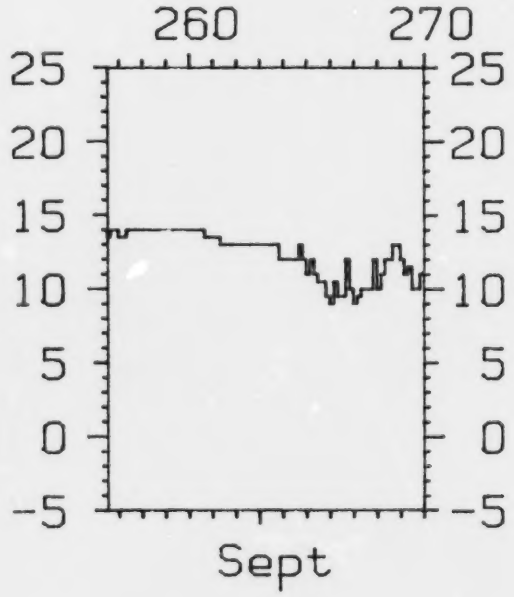


Instrument : 62876

RICHIBUCTO NB (Page 3)

Pos. : 46.8, 64.67 Depth : 19 meters

Sept 13, 1983 12:00 GMT to Sept 27, 1983 00:00 GMT

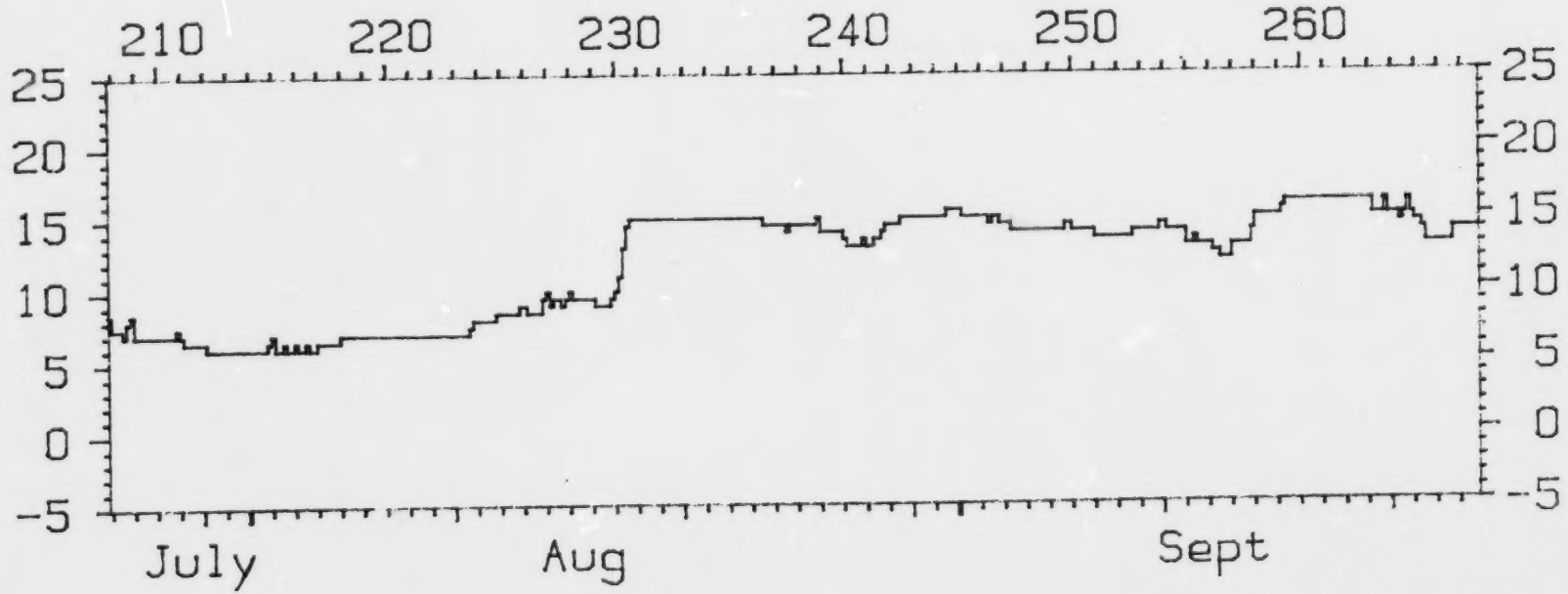


Instrument : 62876

MIMINEGASH PEI (Page 1)

Pos. : 46.91, 64.33 Depth : 23 meters

July 25, 1980 20:00 GMT to Sept 23, 1980 20:00 GMT



Instrument : 61677

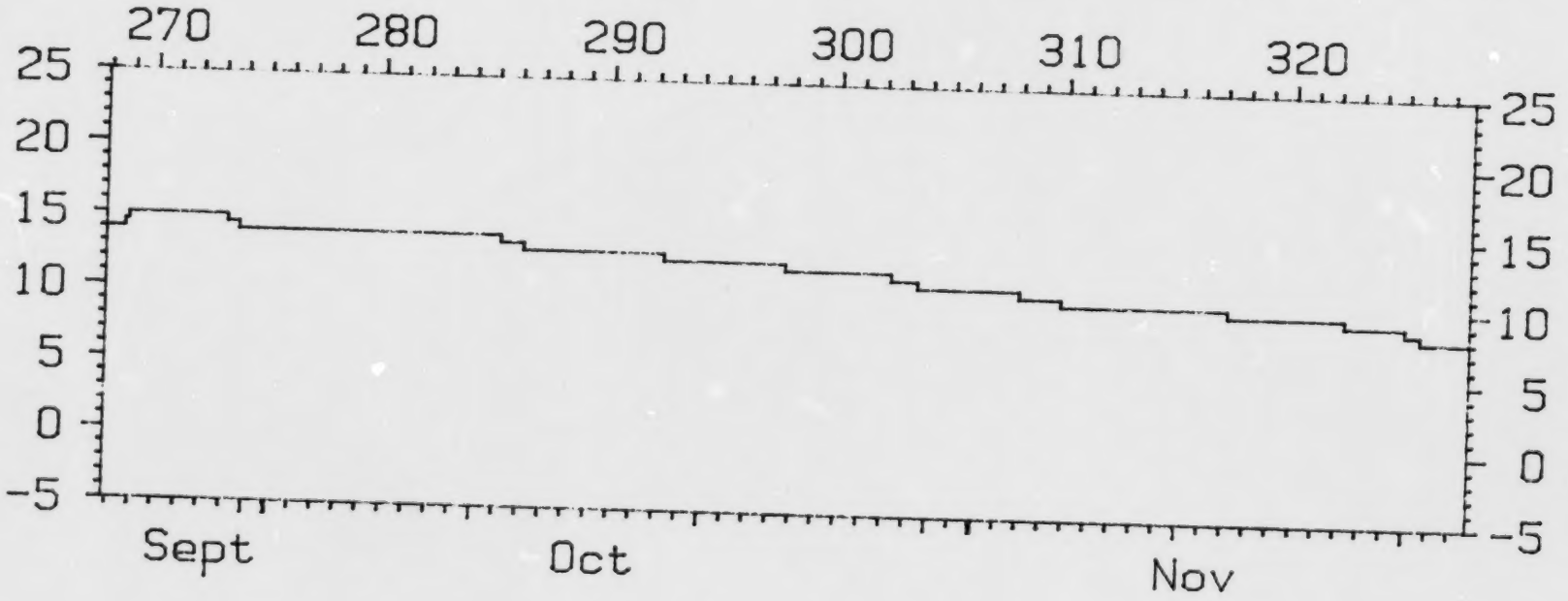
MOORED 1980. RECOVERED IN A NET IN RICHEBUCTO, 1983.

Station 47A

MIMINEGASH PEI

Pos. : 46.91, 64.33 Depth : 23 meters

Sept 23, 1980 20:00 GMT to Nov 22, 1980 20:00 GMT



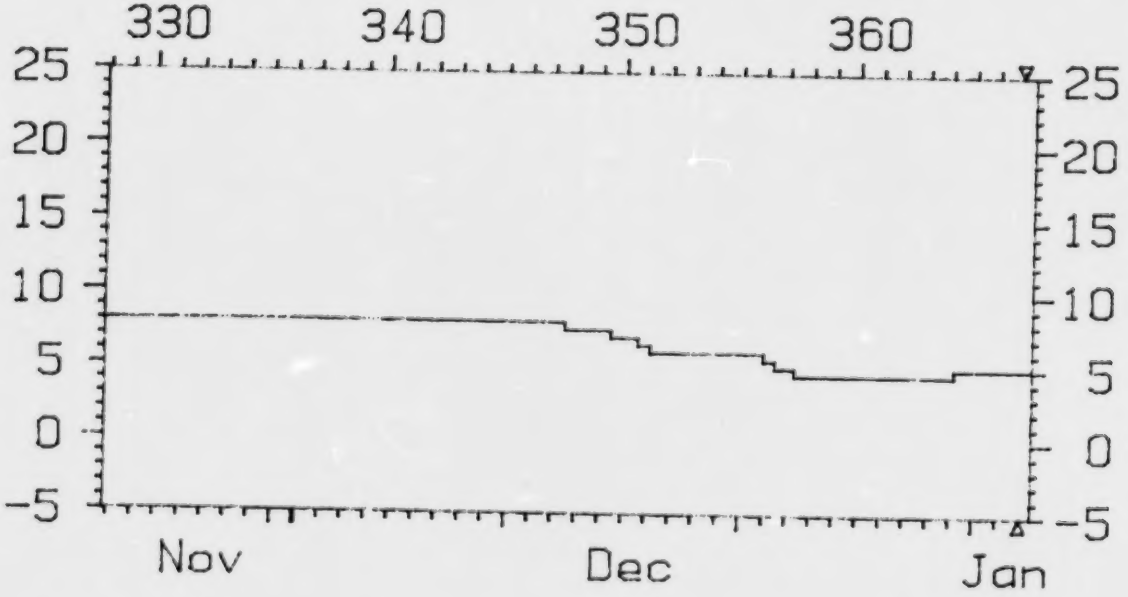
Instrument : 61677

MOORED 1980, RECOVERED IN A NET IN RICHEBUCTO, 1983.

MIMINEGASH PEI (Page 3)

Pos. : 46.91, 64.33 Depth : 23 meters

Nov 22, 1980 20:00 GMT to Jan 1, 1981 12:00 GMT



Instrument : 61677

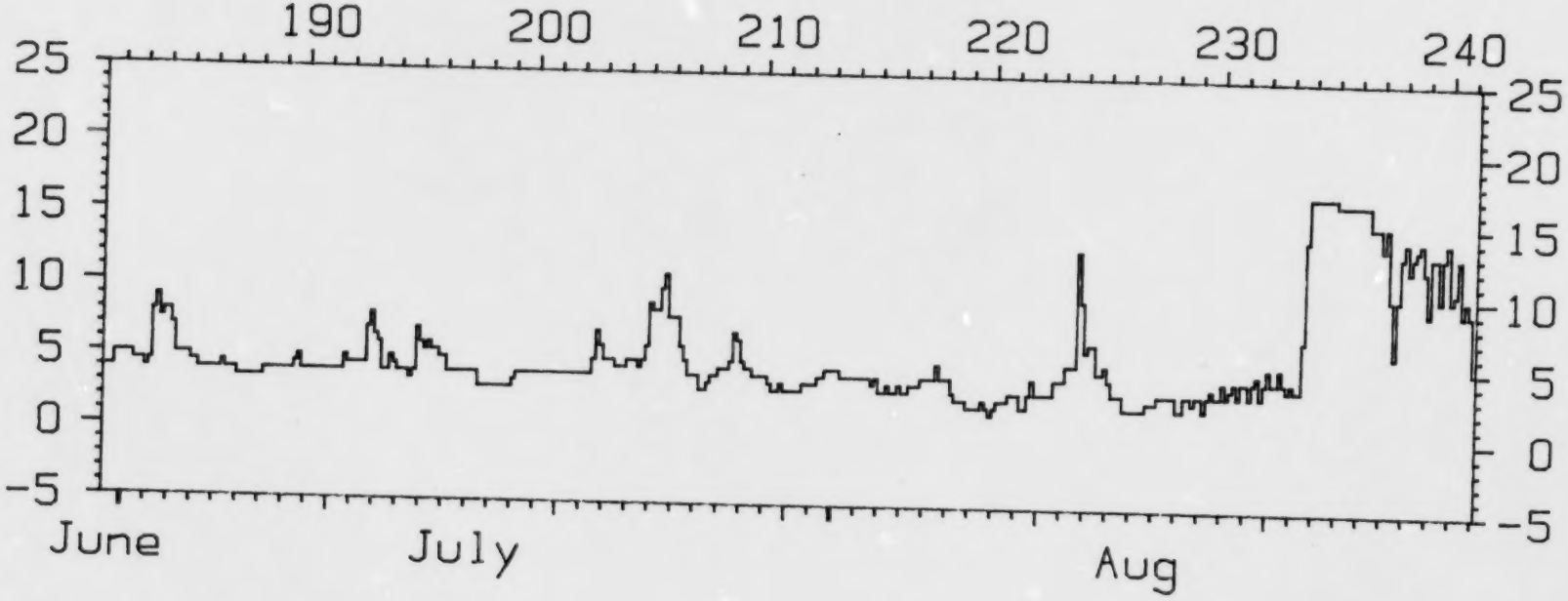
MOORED 1980, RECOVERED IN A NET IN RICHEBUCTO, 1983.

NORTH RUSTICO PEI

(Page 1)

Pos. : 46.55, 63.27 Depth : 18 meters

June 30, 1983 04:00 GMT to Aug 29, 1983 04:00 GMT



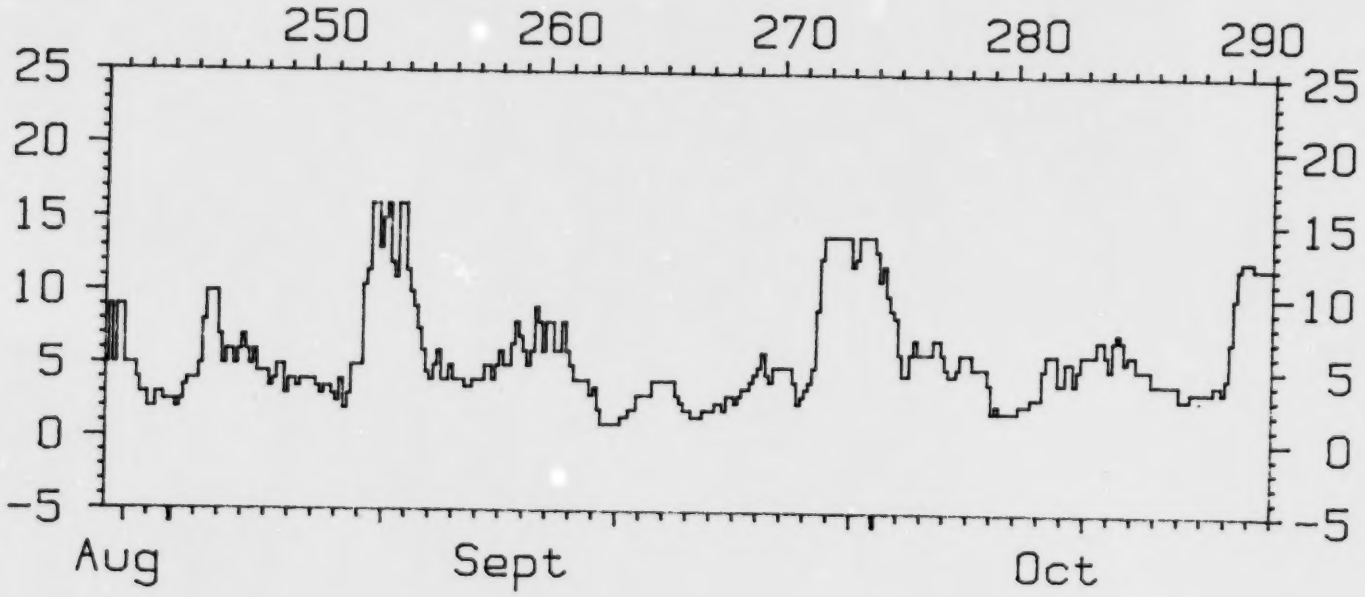
Instrument : 62874

Station 49

NORTH RUSTICO PEI

Pos. : 46.55, 63.27 Depth : 18 meters

Aug 29, 1983 04:00 GMT to Oct 18, 1983 00:00 GMT

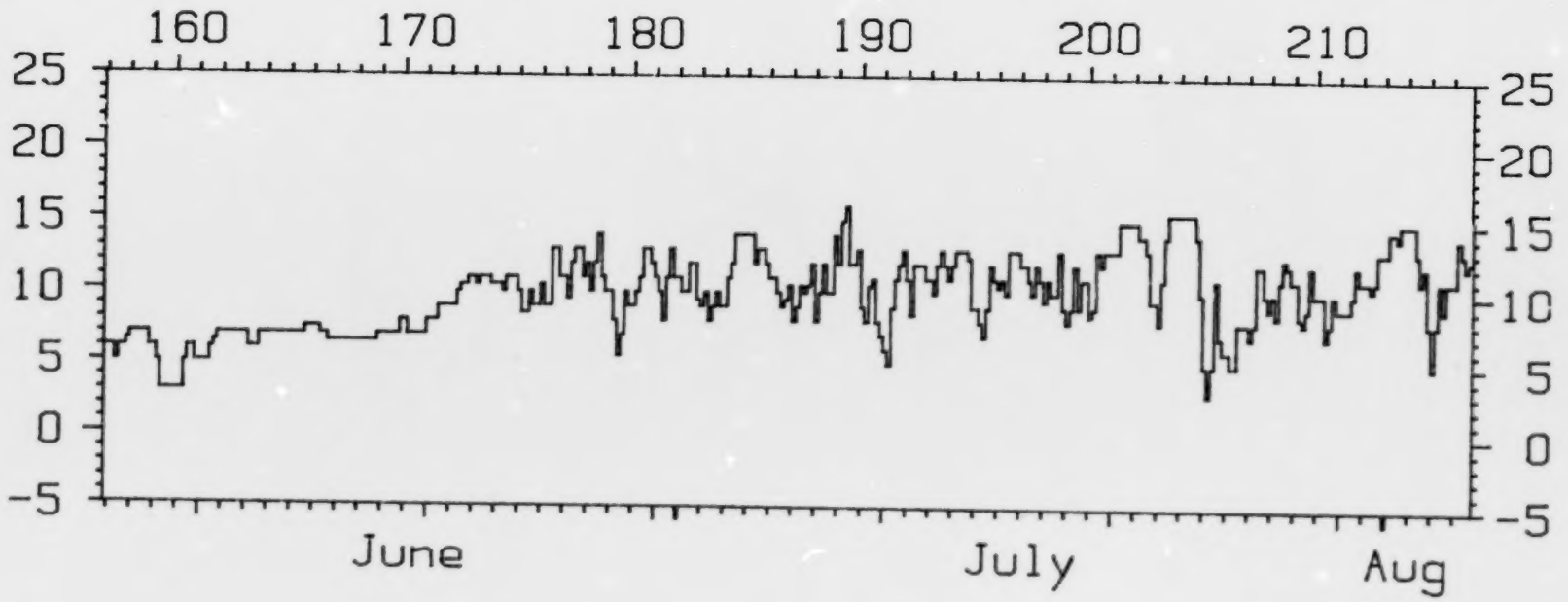


Instrument : 62874

SOURIS PEI (Page 1)

Pos. : 46.35, 62.23 Depth : 19 meters

June 5, 1983 20:00 GMT to Aug 4, 1983 20:00 GMT



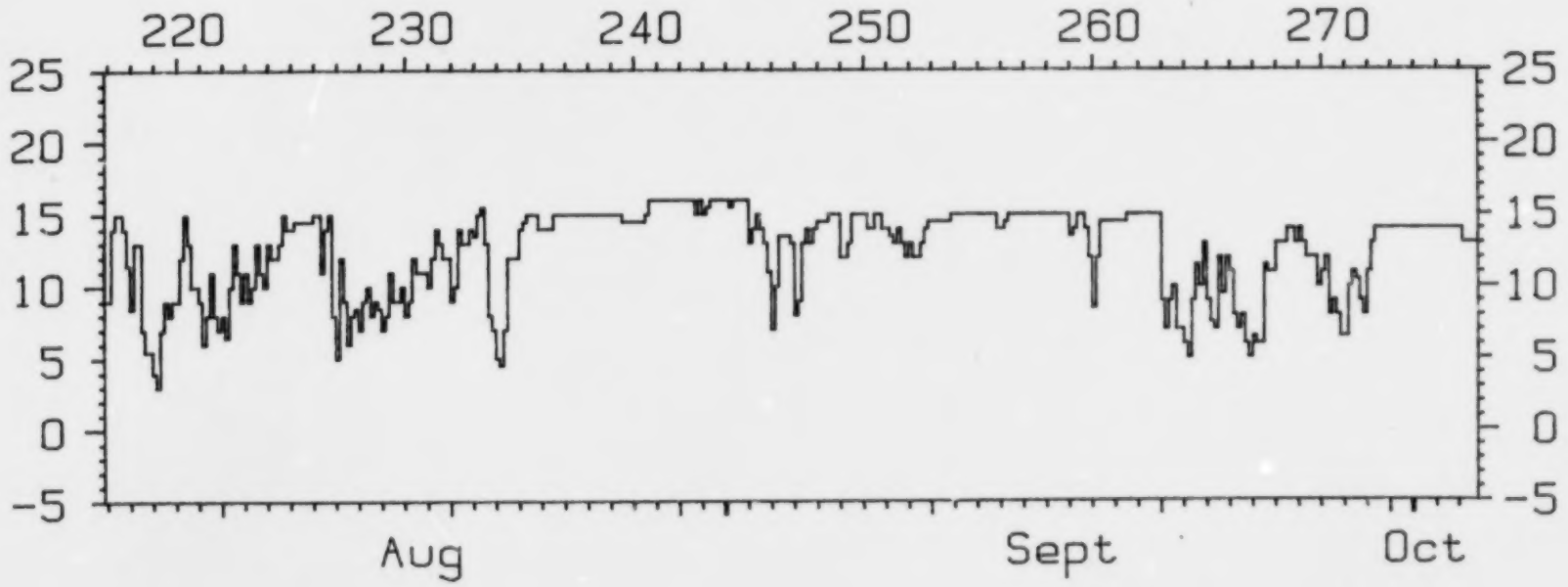
Instrument : 61666

Station 51A

SOURIS PEI (Page 2)

Pos. : 46.35, 62.23 Depth : 19 meters

Aug 4, 1983 20:00 GMT to Oct 3, 1983 20:00 GMT

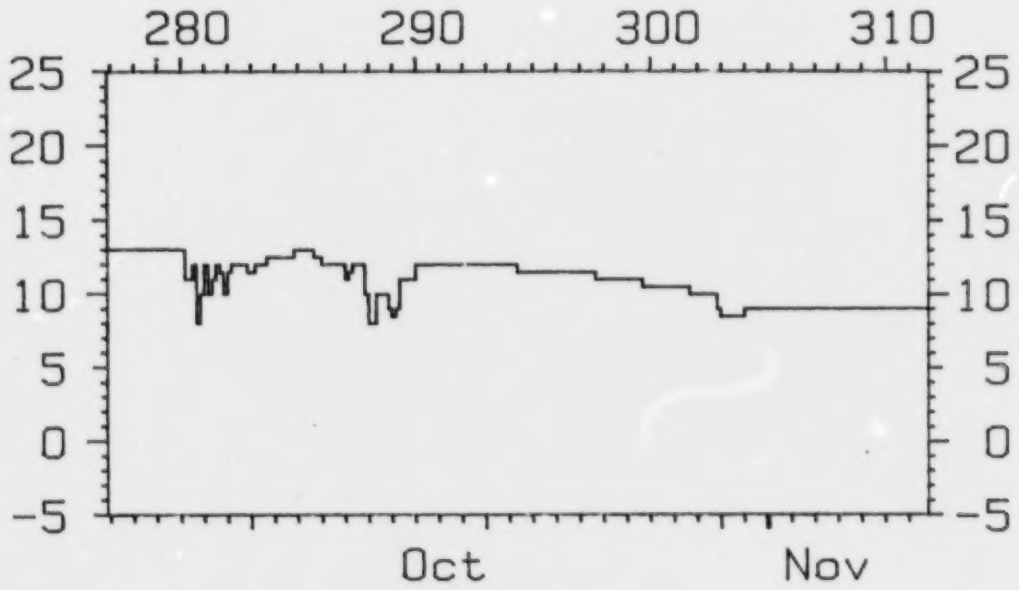


Instrument : 61666

SOURIS PEI (Page 3)

Pos. : 46.35, 62.23 Depth : 19 meters

Oct 3, 1983 20:00 GMT to Nov 7, 1983 20:00 GMT

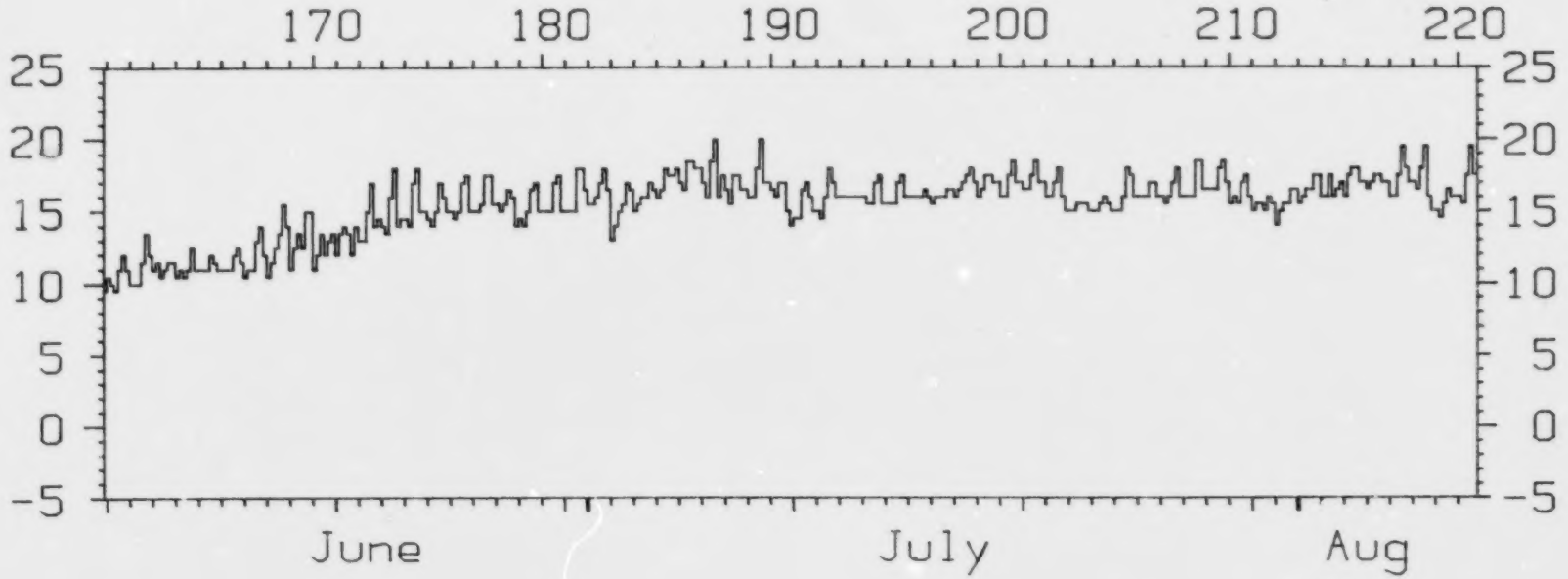


Instrument : 61666

BEACH POINT PEI (Page 1)

Pos. : 46.03, 62.43 Depth : 14 meters

June 9, 1983 20:00 GMT to Aug 8, 1983 20:00 GMT



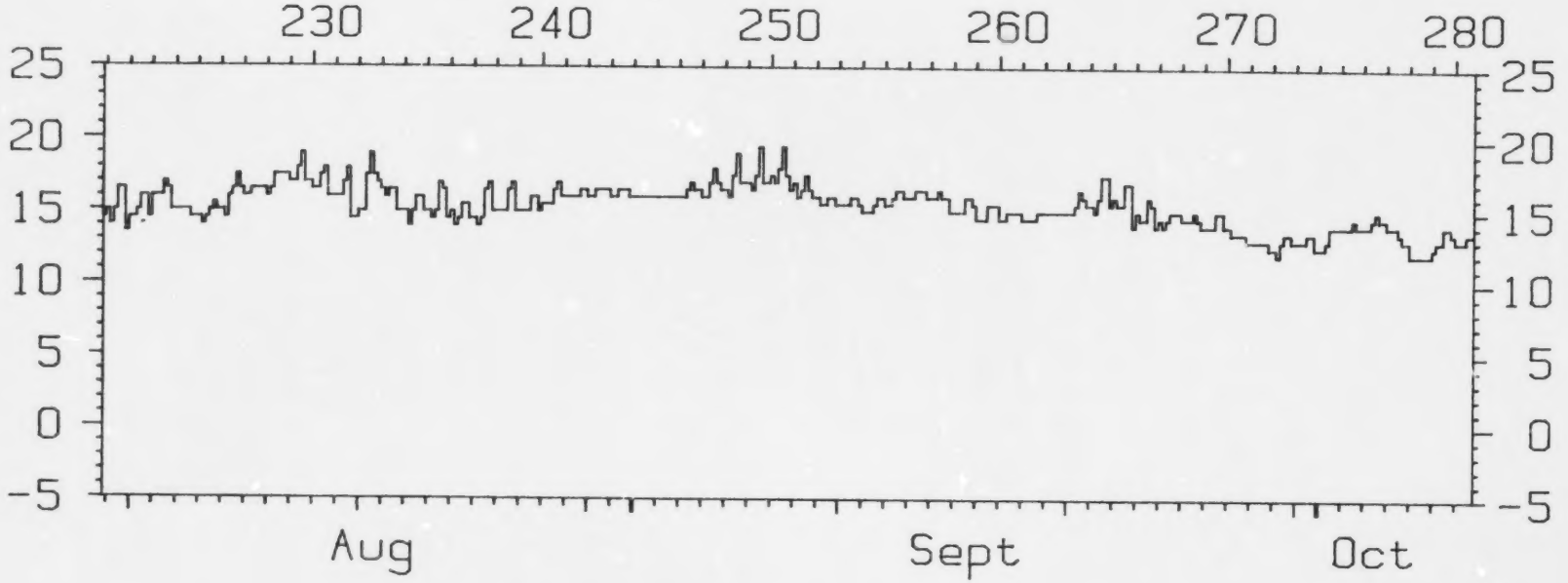
Instrument : 61618

Station 52

BEACH POINT PEI (Page 2)

Pos. : 46.03, 62.43 Depth : 14 meters

Aug 8, 1983 20:00 GMT to Oct 7, 1983 20:00 GMT

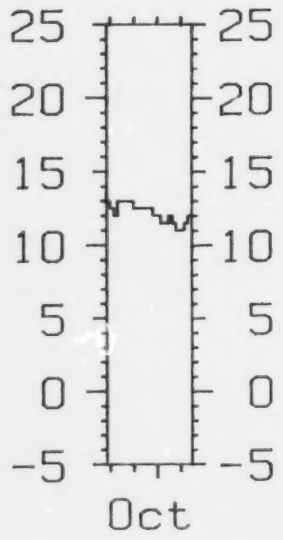


Instrument : 61618

BEACH POINT PEI (Page 3)

Pos. : 46.03, 62.43 Depth : 14 meters

Oct 7, 1983 20:00 GMT to Oct 11, 1983 12:00 GMT

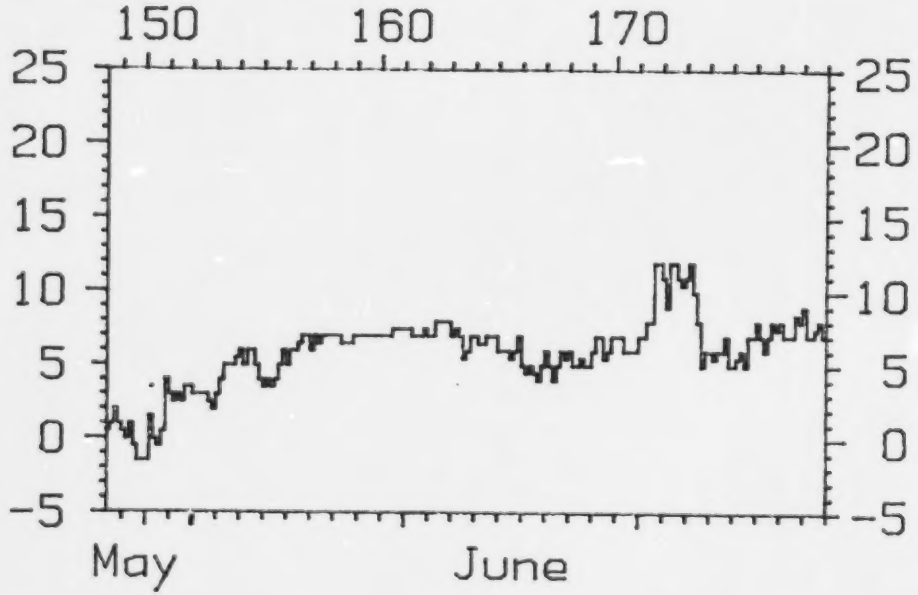


Instrument : 61618

PLEASANT BAY NS

Pos. : 46.84, 60.83 Depth : 21 meters

May 28, 1983 08:00 GMT to June 28, 1983 00:00 GMT



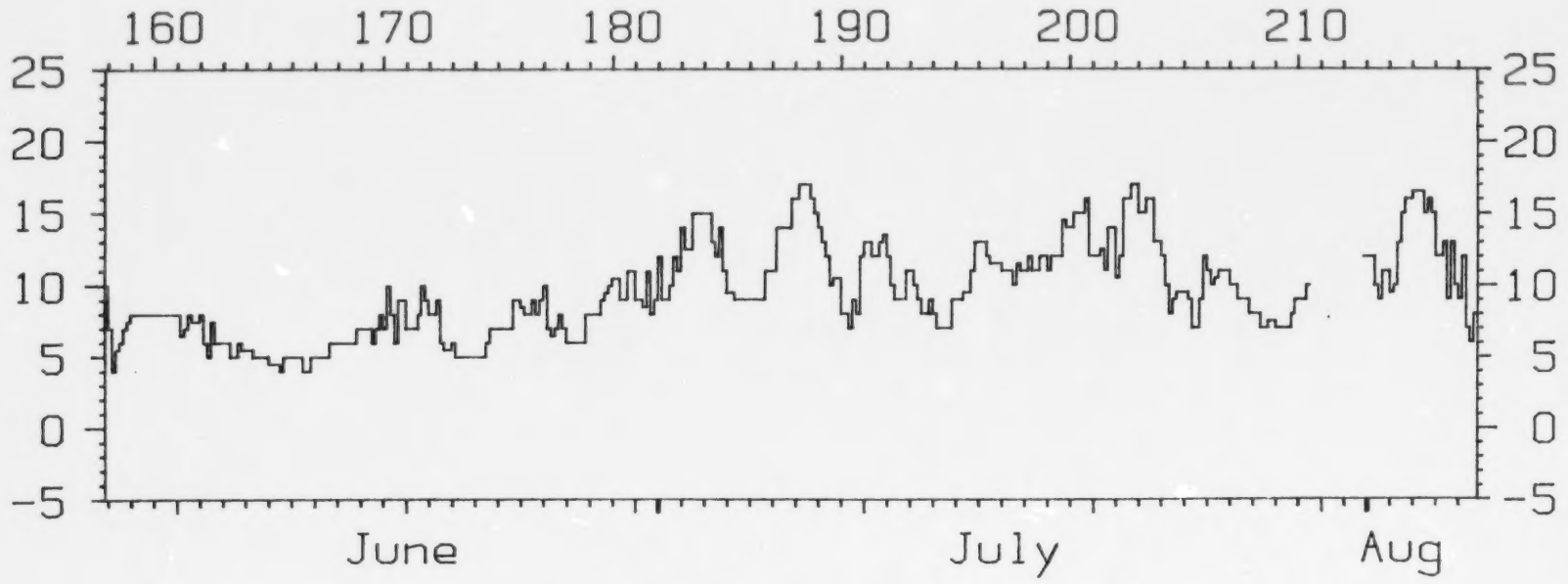
Instrument : 62549

ADRIFT, RECOVERED JULY 1983.

MARGAREE HARBOUR NS (Page 1)

Pos. : 46.33, 61.35 Depth : 20 meters

June 6, 1983 20:00 GMT to Aug 5, 1983 20:00 GMT



Instrument : 61613

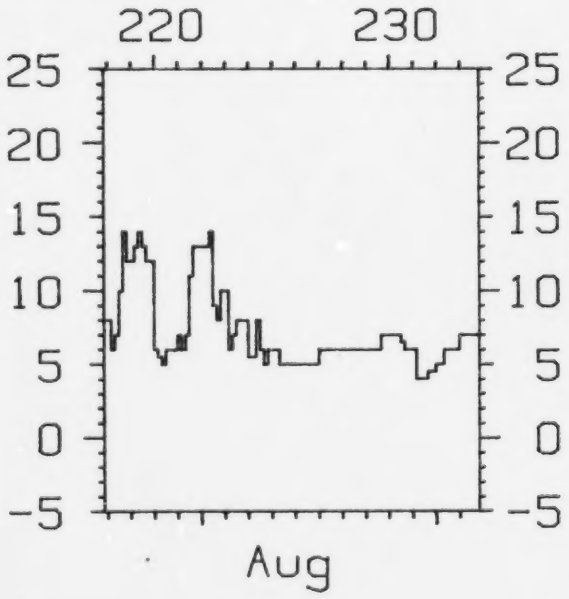
INSTRUMENT OUT OF WATER JULY 29-31

Station 54A

MARGAREE HARBOUR NS (Page 2)

Pos. : 46.33, 61.35 Depth : 20 meters

Aug 5, 1983 20:00 GMT to Aug 21, 1983 20:00 GMT

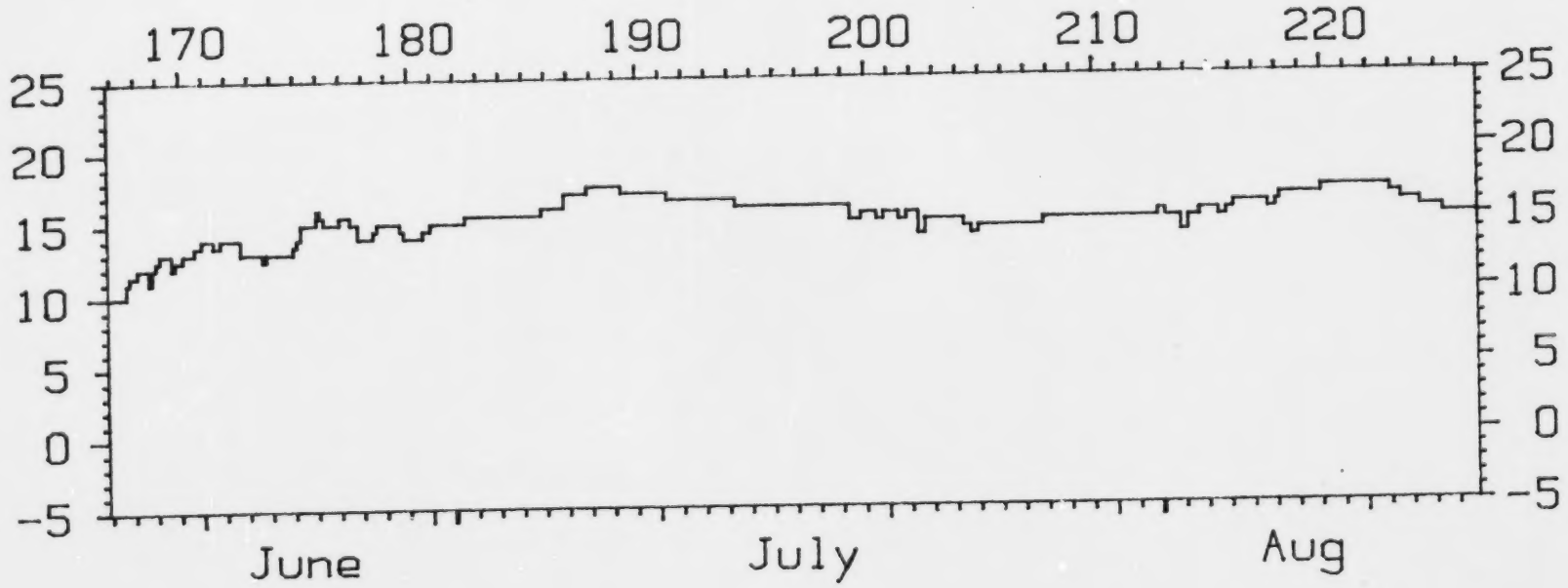


Instrument : 61613

GRANDE ENTREE - LAGUNE MAG PQ (Page 1)

Pos. : 47.57, 61.53 Depth : 4.5 meters

June 15, 1983 20:00 GMT to Aug 14, 1983 20:00 GMT



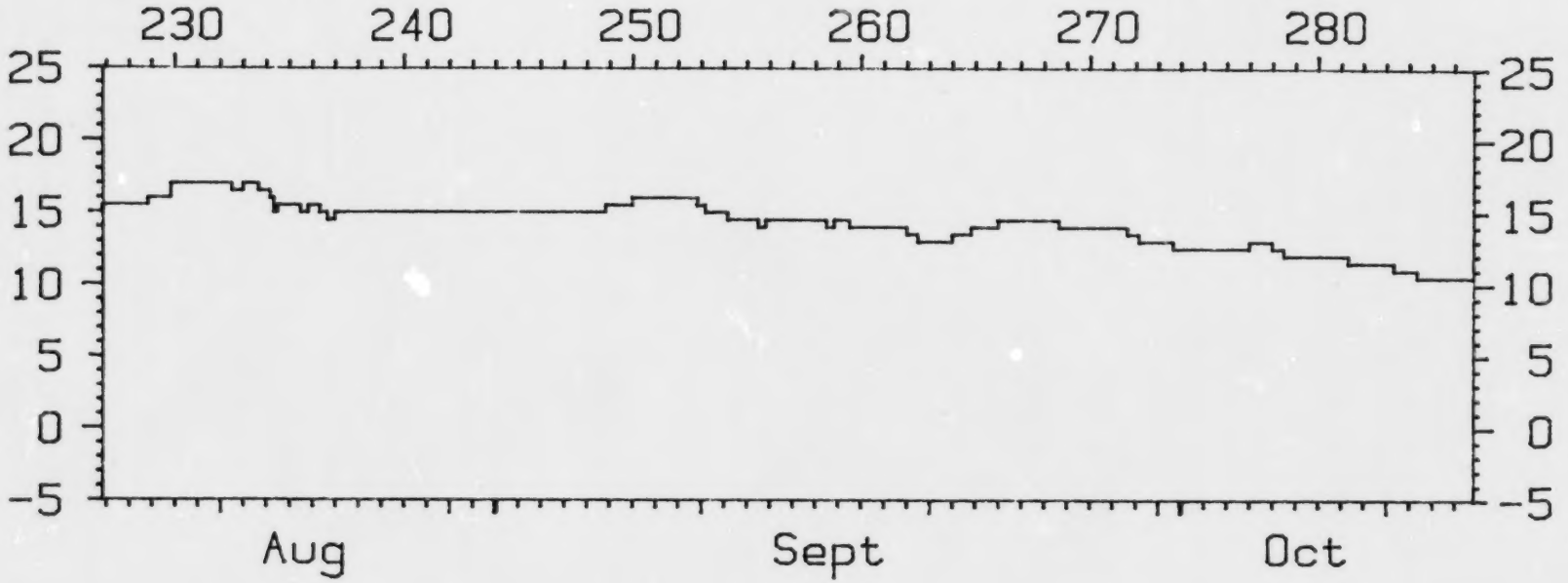
Instrument : 62497

Station 55

GRANDE ENTREE - LAGUNE MAG PQ (Page 2)

Pos. : 47.57, 61.53 Depth : 4.5 meters

Aug 14, 1983 20:00 GMT to Oct 13, 1983 20:00 GMT

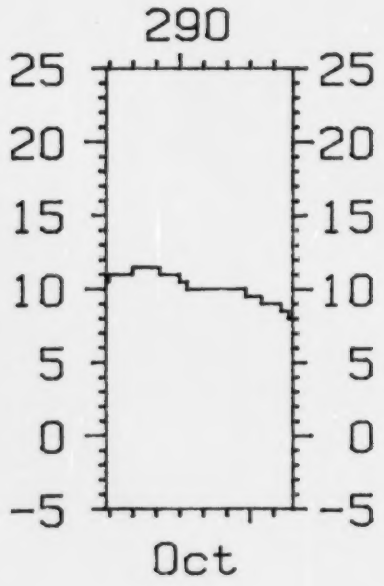


Instrument : 62497

GRANDE ENTREE - LAGUNE MAG PQ (Page 3)

Pos. : 47.57, 61.53 Depth : 4.5 meters

Oct 13, 1983 20:00 GMT to Oct 21, 1983 20:00 GMT

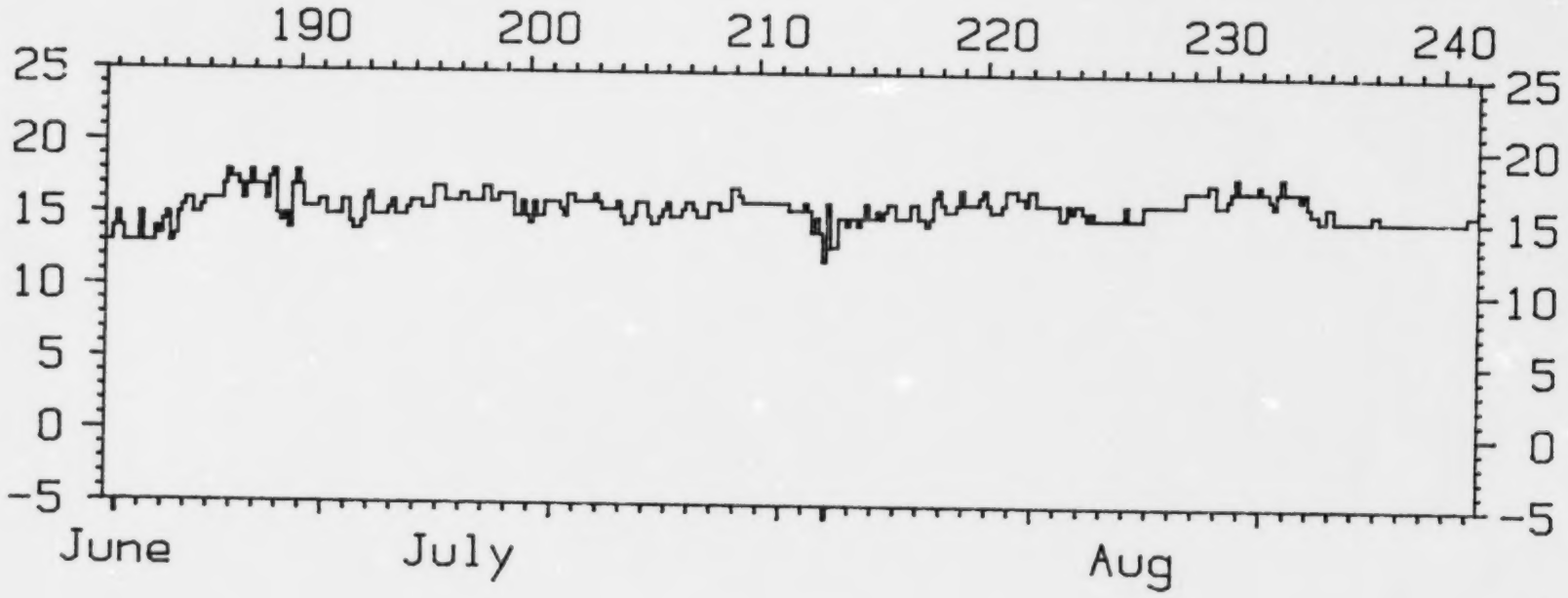


Instrument : 62497

HAVRE AUX MAISONS - LAGUNE MAG PQ (Page 1)

Pos. : 47.41, 61.87 Depth : 2.5 meters

June 30, 1983 12:00 GMT to Aug 29, 1983 12:00 GMT



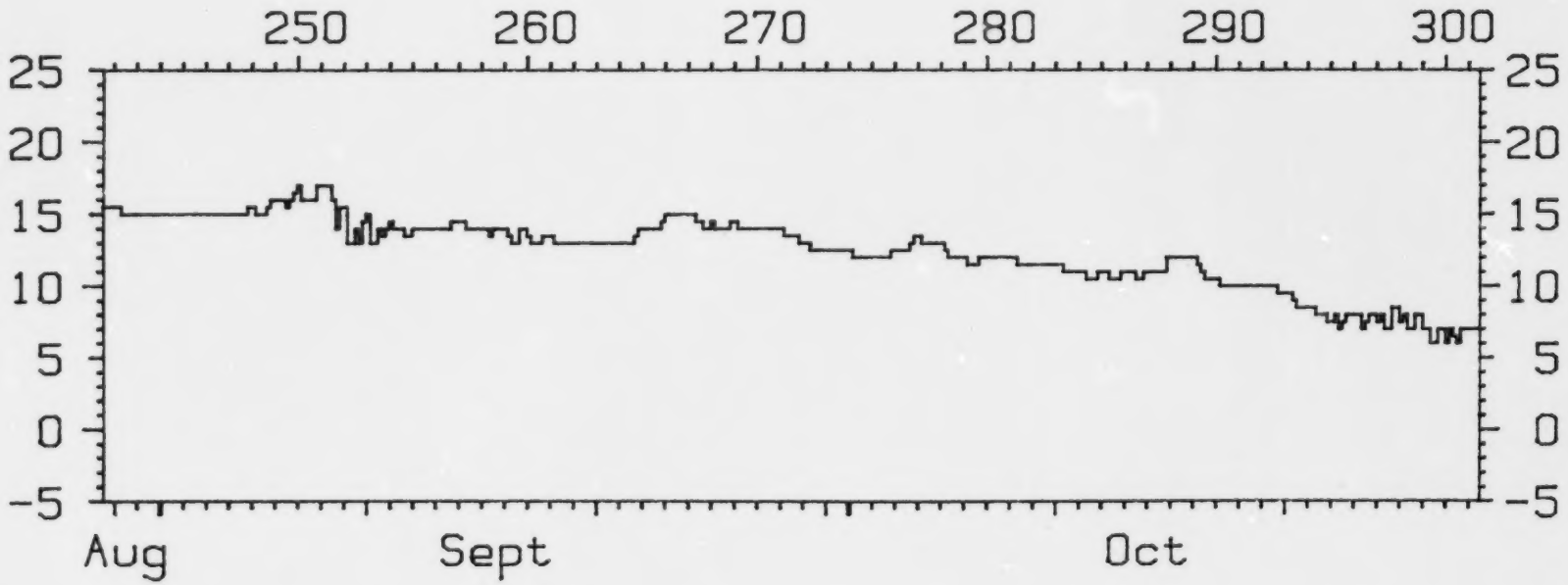
Instrument : 62866

Station 56A

HAVRE AUX MAISONS - LAGUNE MAG PQ (Page 2)

Pos. : 47.41, 61.87 Depth : 2.5 meters

Aug 29, 1983 12:00 GMT to Oct 28, 1983 12:00 GMT

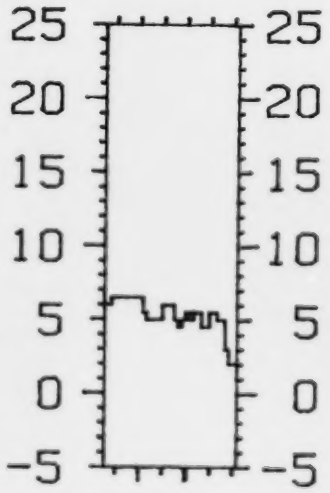


Instrument : 62866

HAVRE AUX MAISONS - LAGUNE MAG PQ (Page 3)

Pos. : 47.41, 61.87 Depth : 2.5 meters

Oct 28, 1983 12:00 GMT to Nov 3, 1983 04:00 GMT

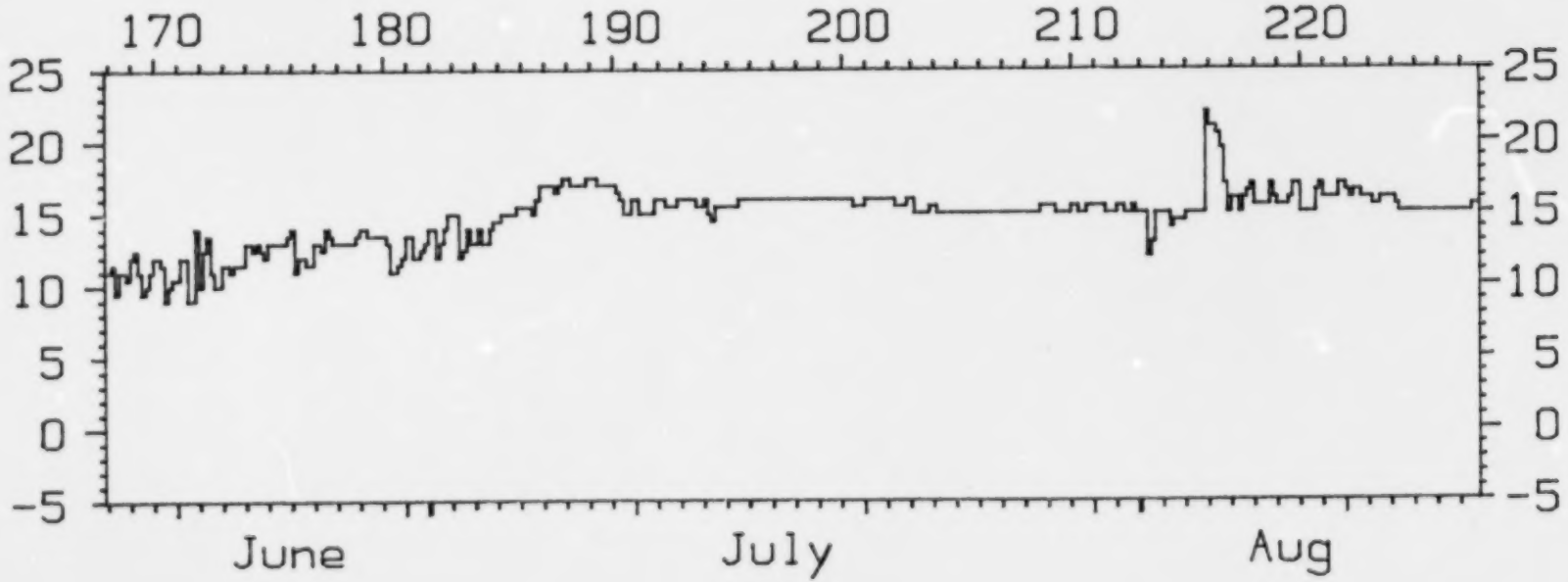


Instrument : 62866

HAVRE AUX MAISONS - LAGUNE MAG PQ (Page 1)

Pos. : 47.42, 61.83 Depth : 4.5 meters

June 16, 1983 20:00 GMT to Aug 15, 1983 20:00 GMT



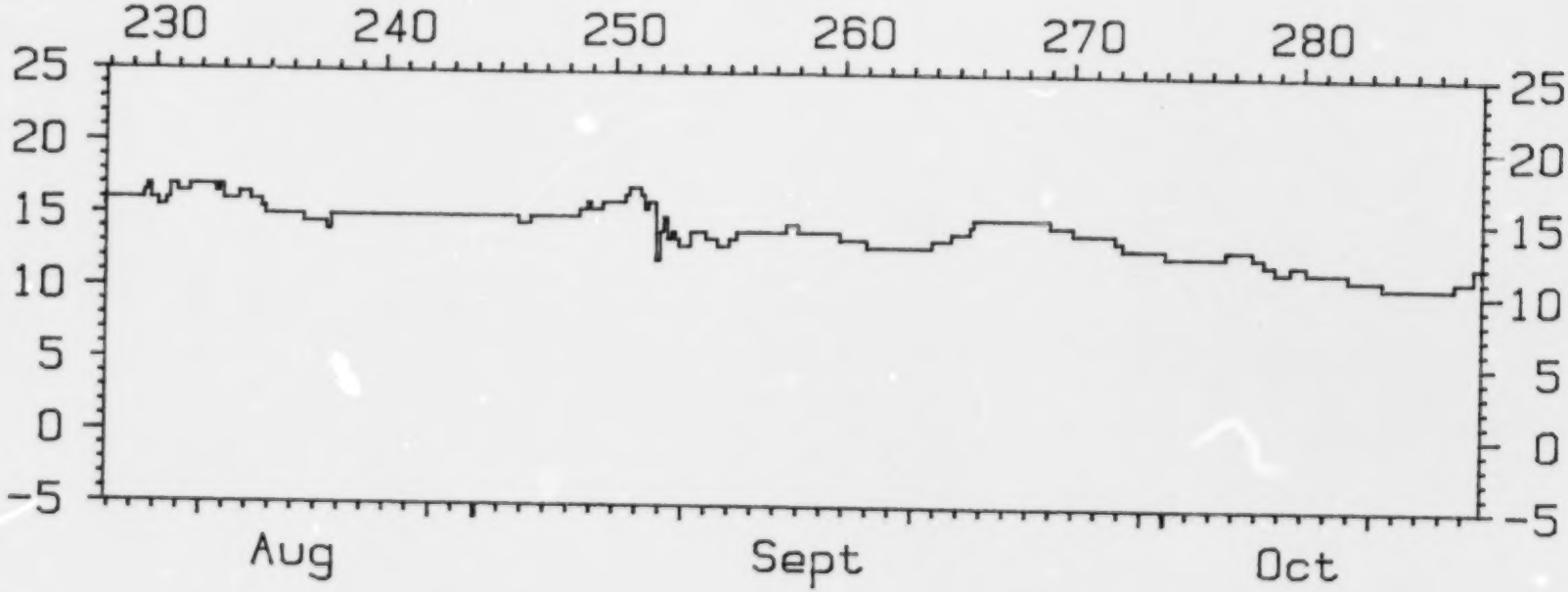
Instrument : 62502

Station 56B

HAVRE AUX MAISONS - LAGUNE MAG PQ (Page 2)

Pos. : 47.42, 61.83 Depth : 4.5 meters

Aug 15, 1983 20:00 GMT to Oct 14, 1983 20:00 GMT

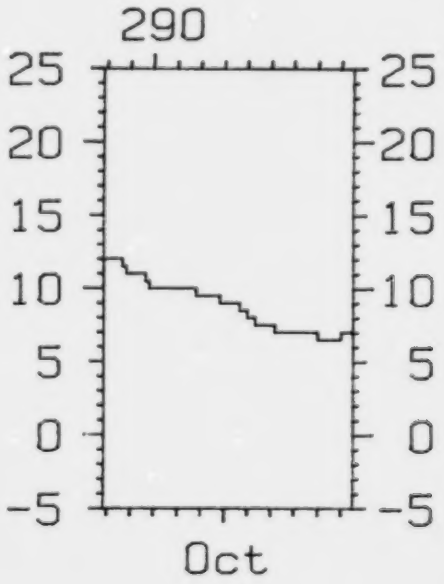


Instrument : 62502

HAVRE AUX MAISONS - LAGUNE MAG PQ (Page 3)

Pos. : 47.42, 61.83 Depth : 4.5 meters

Oct 14, 1983 20:00 GMT to Oct 25, 1983 12:00 GMT

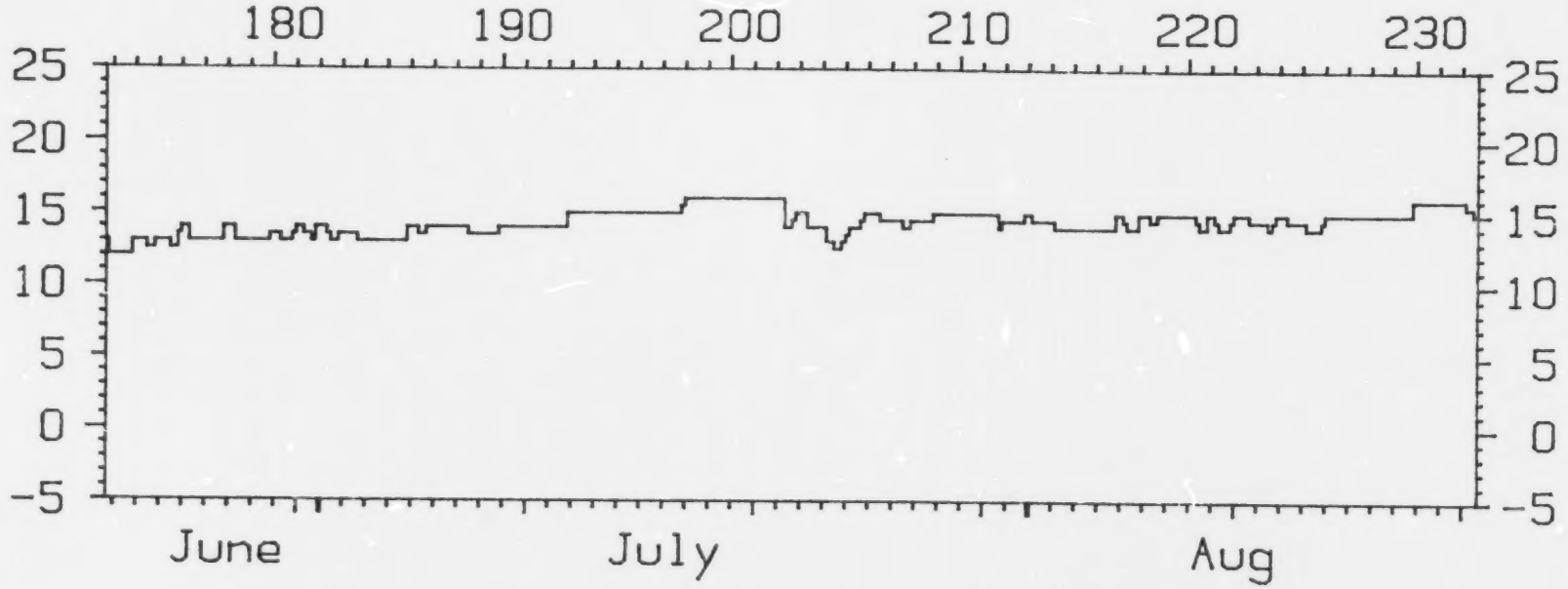


Instrument : 62502

ILE D'ENTREE MAG PQ (Page 1)

Pos. : 47.27, 61.7

June 21, 1983 16:00 GMT to Aug 20, 1983 16:00 GMT



Instrument : 61690

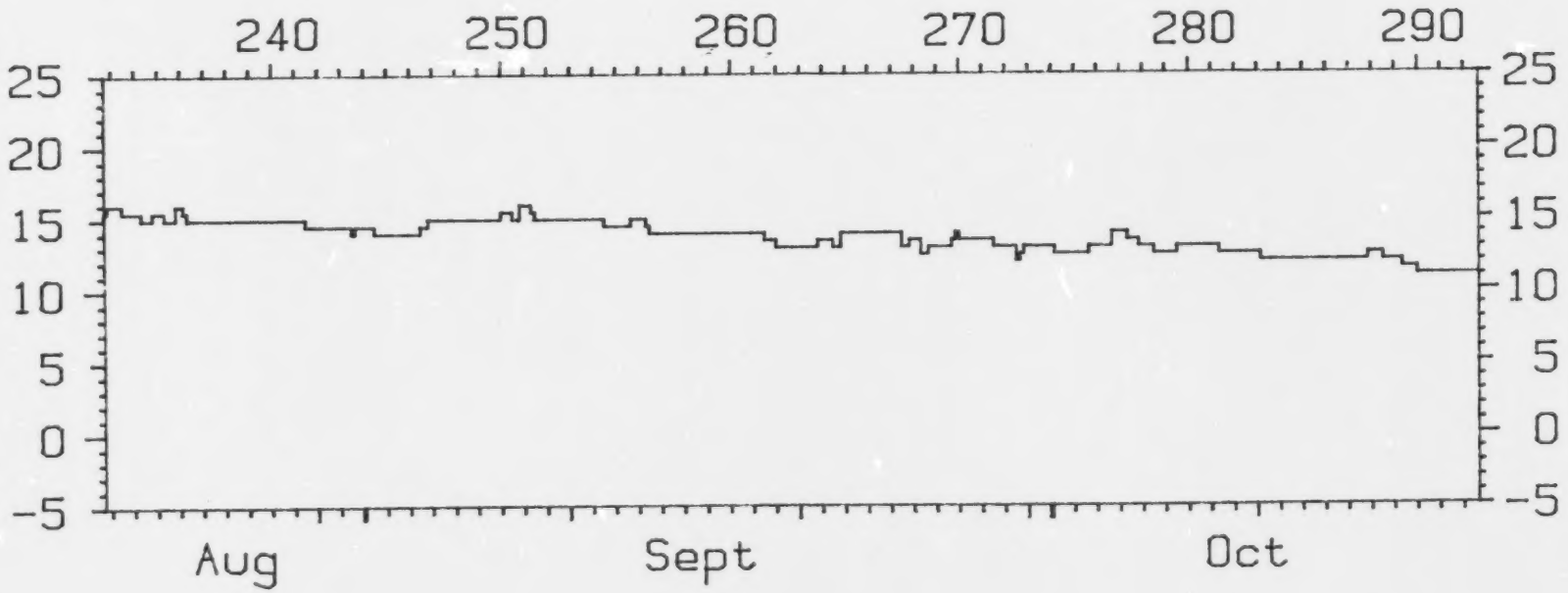
MOORED AT SURFACE

Station 57A

ILE D'ENTREE MAG PQ (Page 2)

Pos. : 47.27, 61.7

Aug 20, 1983 16:00 GMT to Oct 19, 1983 16:00 GMT



Instrument : 61690

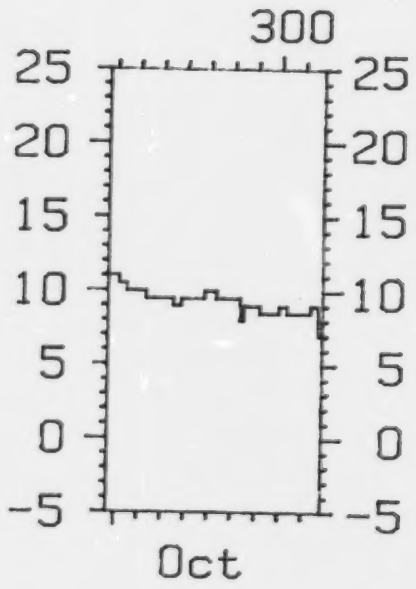
MOORED AT SURFACE

Station 57A

ILE D'ENTREE MAG PQ

Pos. : 47.27, 61.7

Oct 19, 1983 16:00 GMT to Oct 28, 1983 20:00 GMT



Instrument : 61690

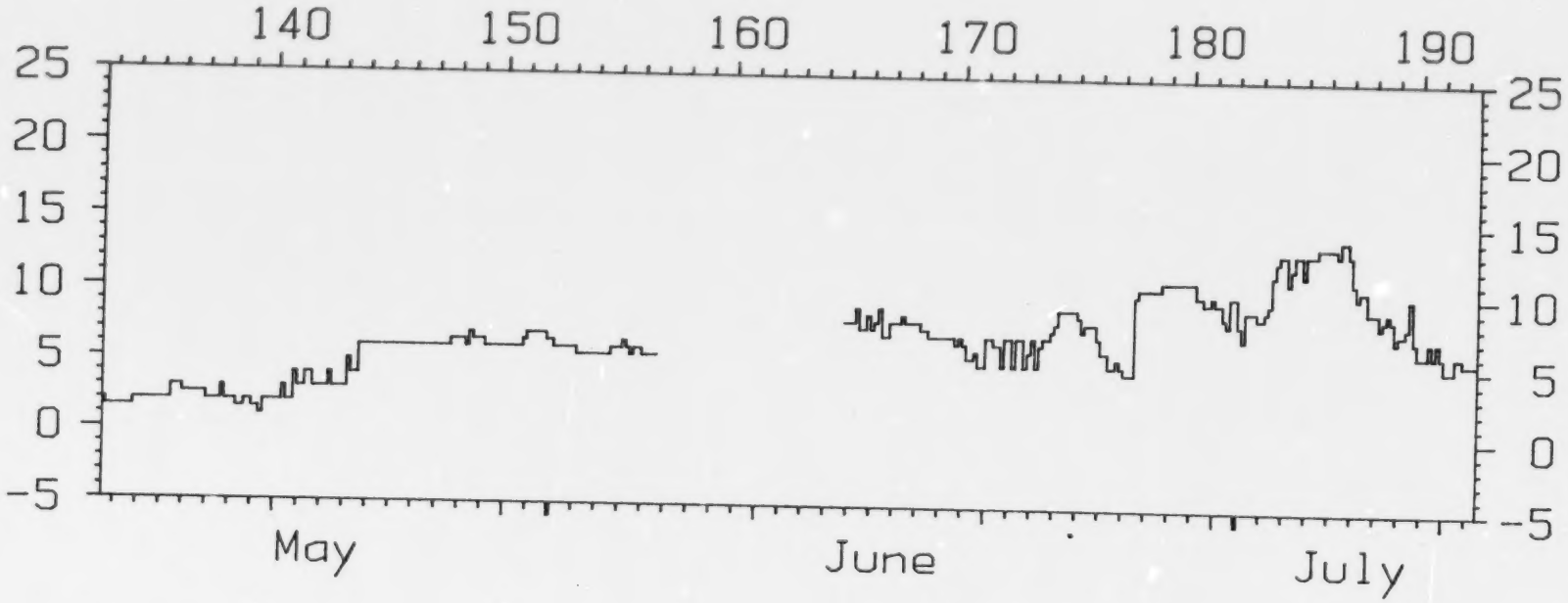
MOORED AT SURFACE

CARLETON P.Q.

(Page 1)

Pos. : 48.08, 66.12 Depth : 7 meters

May 12, 1983 12:00 GMT to July 11, 1983 12:00 GMT



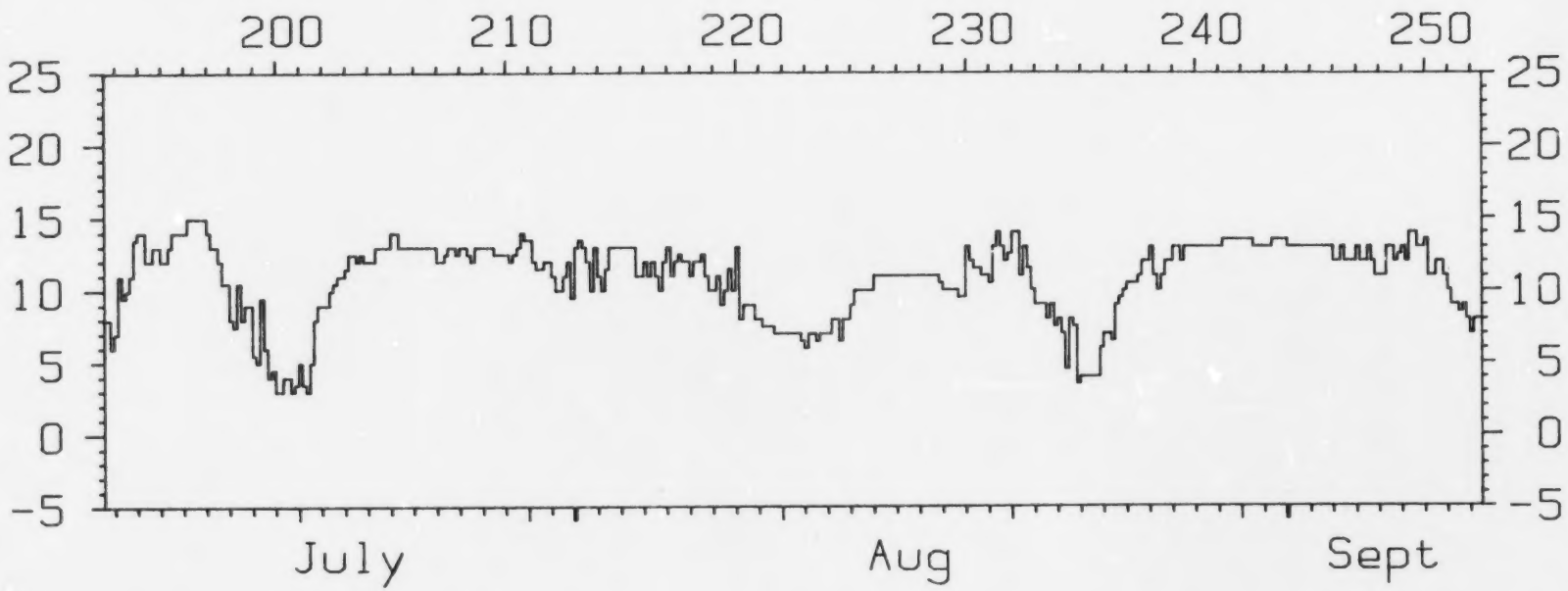
Instrument : 62862

INSTRUMENT OUT OF WATER JUNE 5-13

CARLETON P.Q. (Page 2)

Pos. : 48.08, 66.12 Depth : 7 meters

July 11, 1983 12:00 GMT to Sept 9, 1983 12:00 GMT

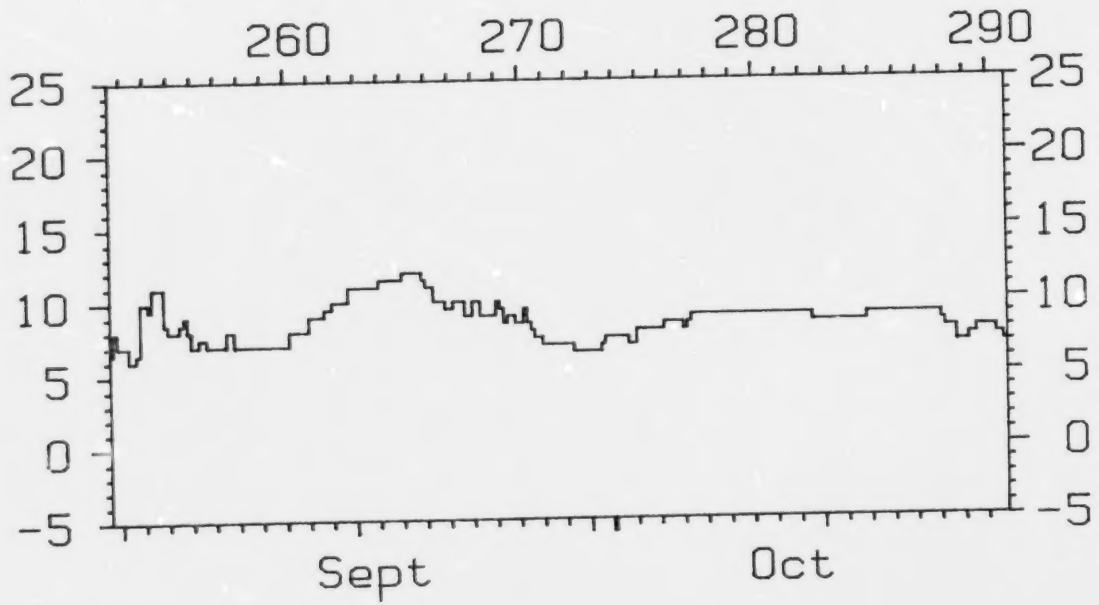


Instrument : 62862

CARLETON P. Q.

Pos. : 48. 08, 66. 12 Depth : 7 meters

Sept 9, 1983 12: 00 GMT to Oct 17, 1983 20: 00 GMT



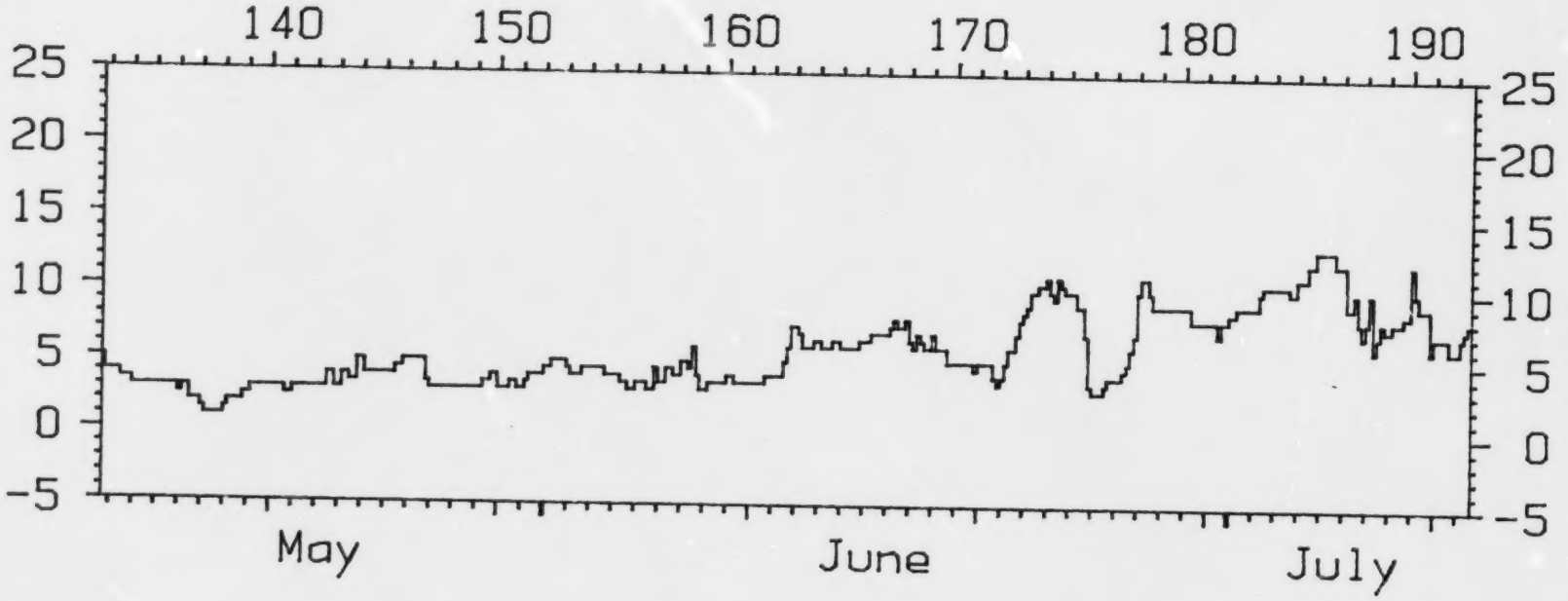
Instrument : 62862

PASPEBIAC P.Q.

(Page 1)

Pos. : 48.02, 65.25 Depth : 10 meters

May 12, 1983 16:00 GMT to July 11, 1983 16:00 GMT



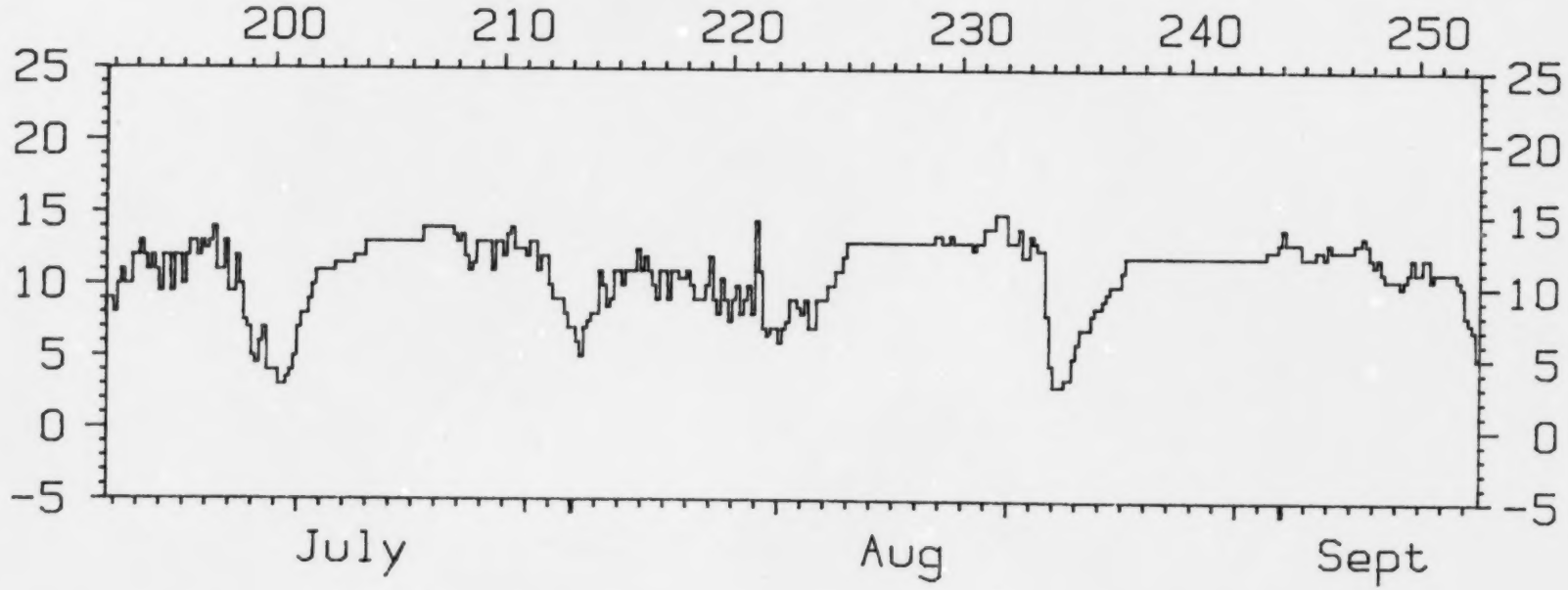
Instrument : 62858

Station 63

PASPEBIAC P.Q. (Page 2)

Pos. : 48.02, 65.25 Depth : 10 meters

July 11, 1983 16:00 GMT to Sept 9, 1983 16:00 GMT

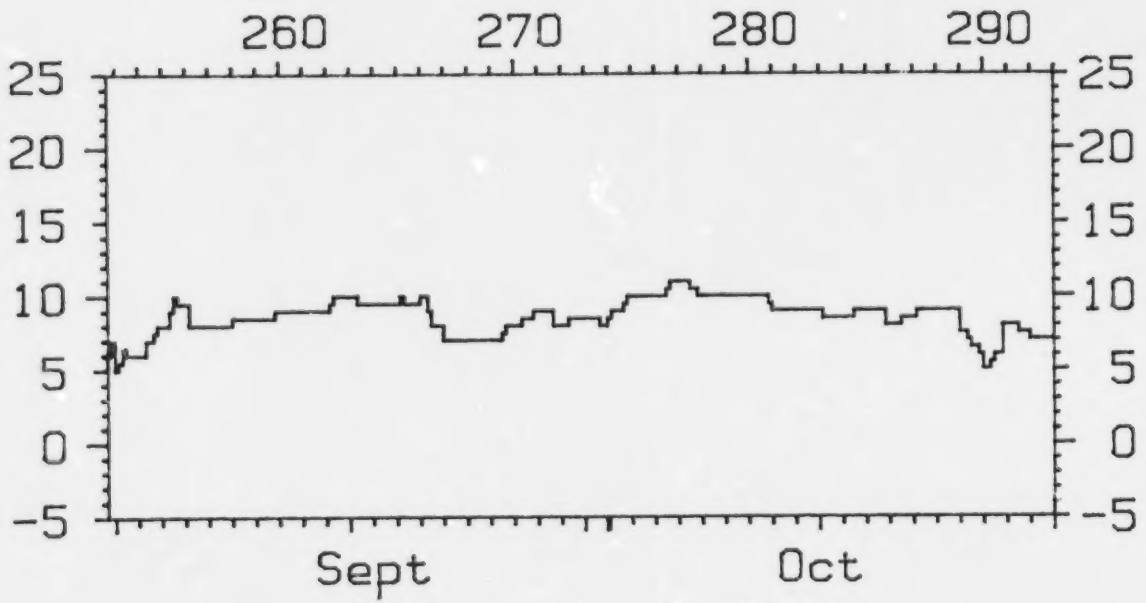


Instrument : 62858

PASPEBIAC P. Q. (Page 3)

Pos. : 48.02, 65.25 Depth : 10 meters

Sept 9, 1983 16:00 GMT to Oct 20, 1983 00:00 GMT

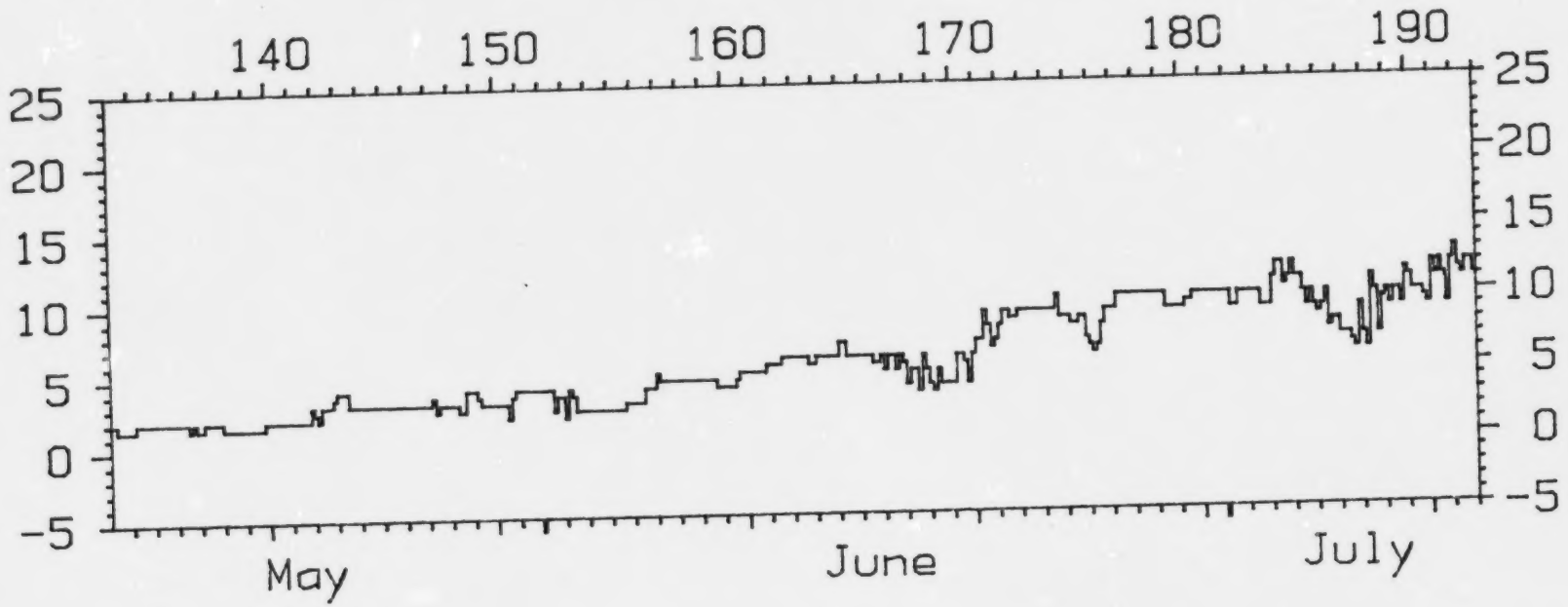


Instrument : 62858

GRANDE-RIVIERE P.Q. (Page 1)

Pos. : 48.38, 64.5 Depth : 10 meters

May 13, 1983 00:00 GMT to July 12, 1983 00:00 GMT



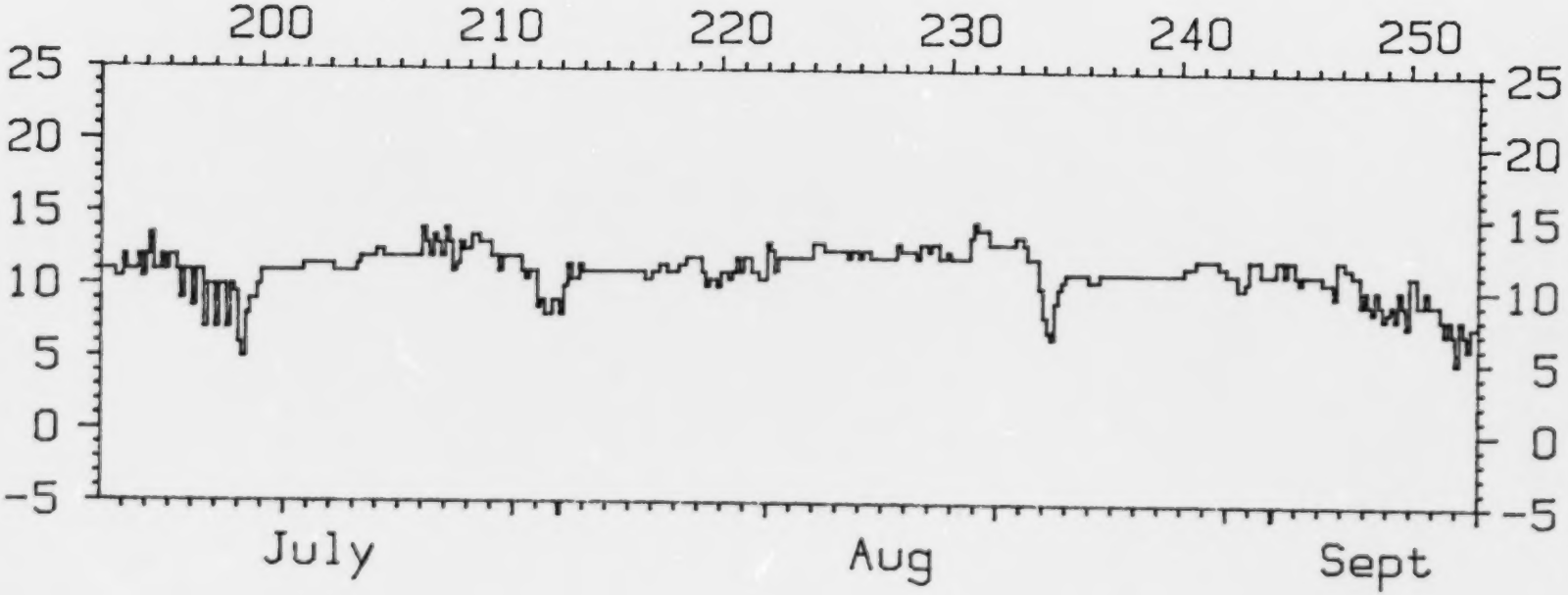
Instrument : 62861

Station 64

GRANDE-RIVIERE P.Q. (Page 2)

Pos. : 48.38, 64.5 Depth : 10 meters

July 12, 1983 00:00 GMT to Sept 10, 1983 00:00 GMT

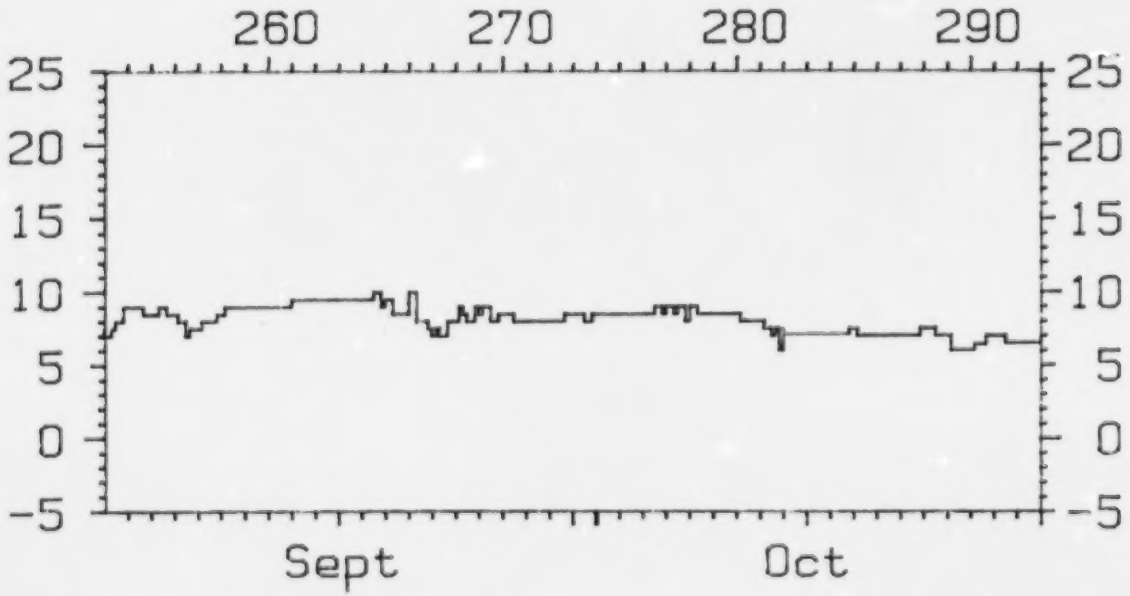


Instrument : 62861

GRANDE-RIVIERE P.Q. (Page 3)

Pos. : 48.38, 64.5 Depth : 10 meters

Sept 10, 1983 00:00 GMT to Oct 20, 1983 00:00 GMT

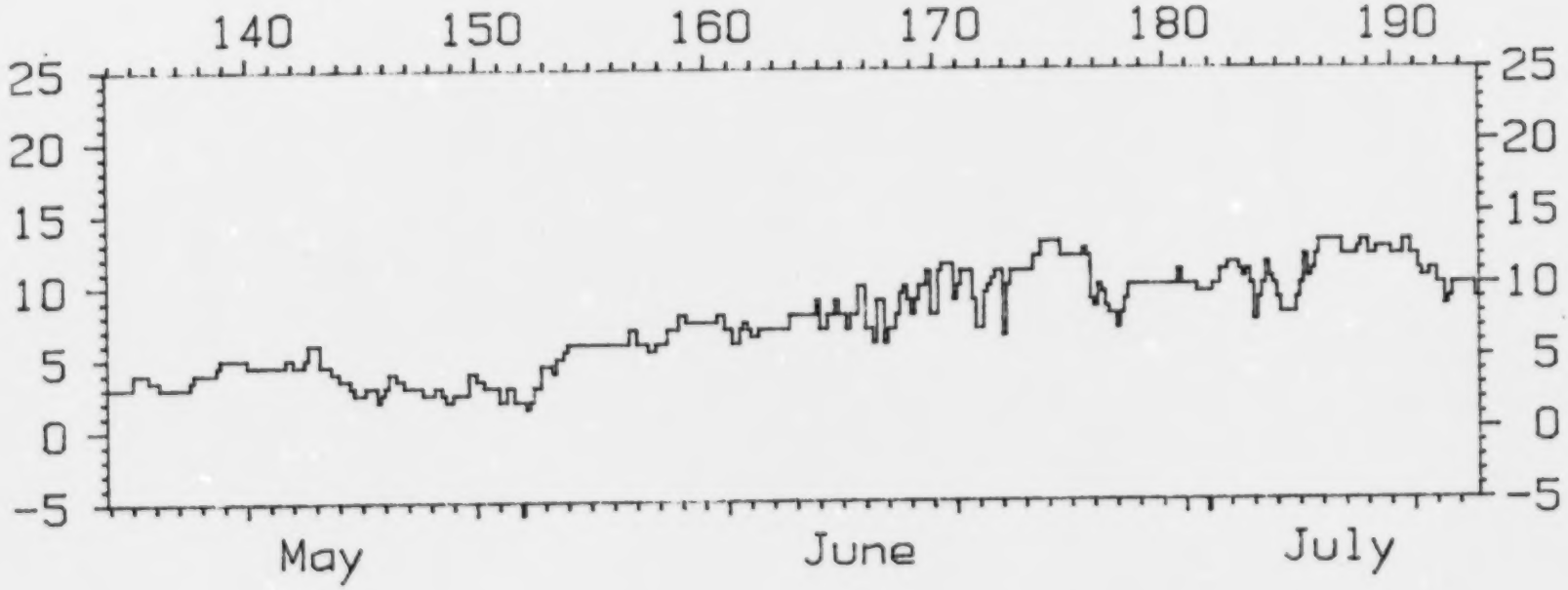


Instrument : 62861

MARSOUI P.Q. (Page 1)

Pos. : 49.22, 66.06 Depth : 9 meters

May 13, 1983 20:00 GMT to July 12, 1983 20:00 GMT



Instrument : 62869

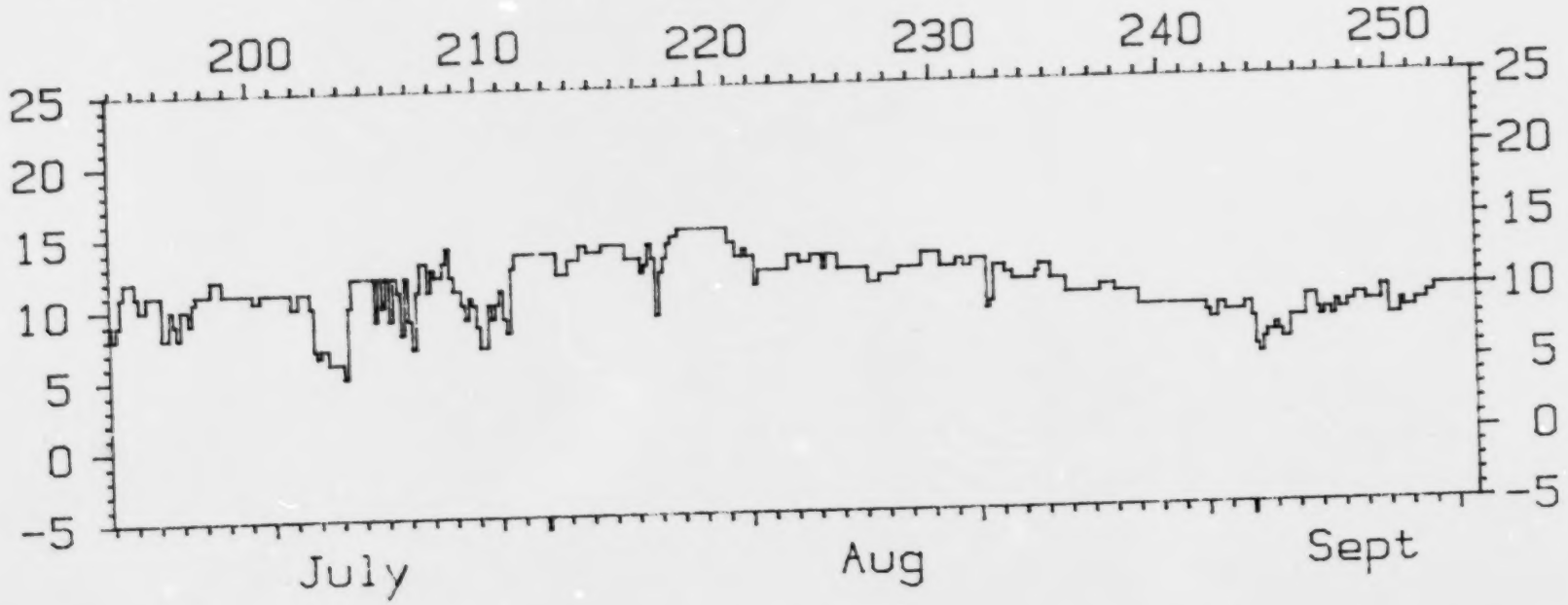
Station 66

(Page 2)

MARSOUI P.Q.

Pos. : 49.22, 66.06 Depth : 9 meters

July 12, 1983 20:00 GMT to Sept 10, 1983 20:00 GMT

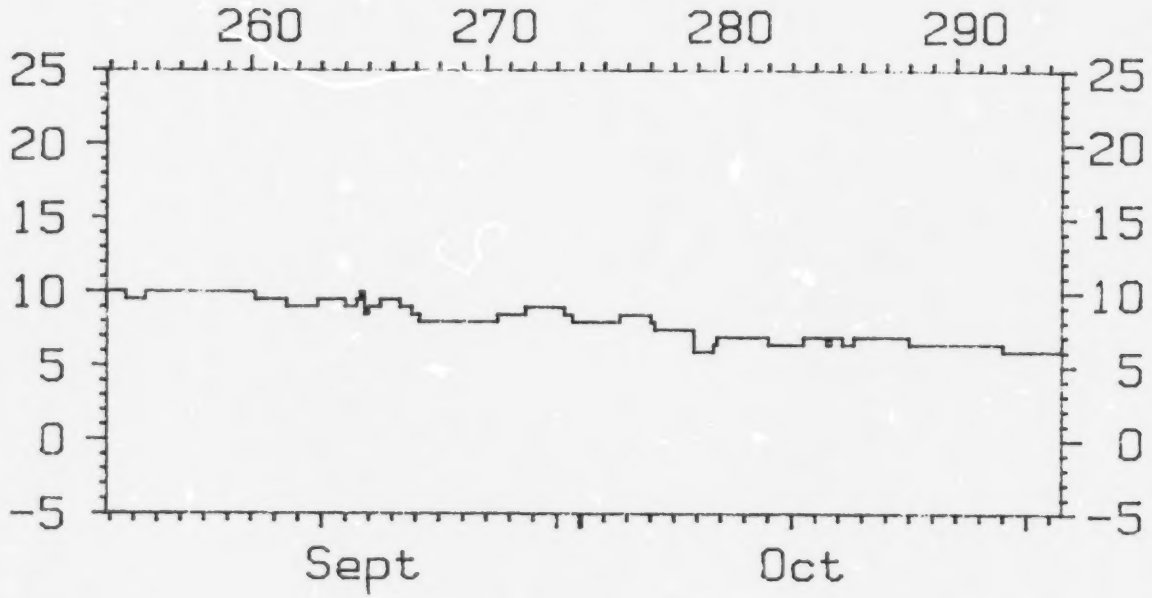


Instrument : 62869

MARSOUI P.Q. (Page 3)

Pos. : 49.22, 66.06 Depth : 9 meters

Sept 10, 1983 20:00 GMT to Oct 21, 1983 12:00 GMT

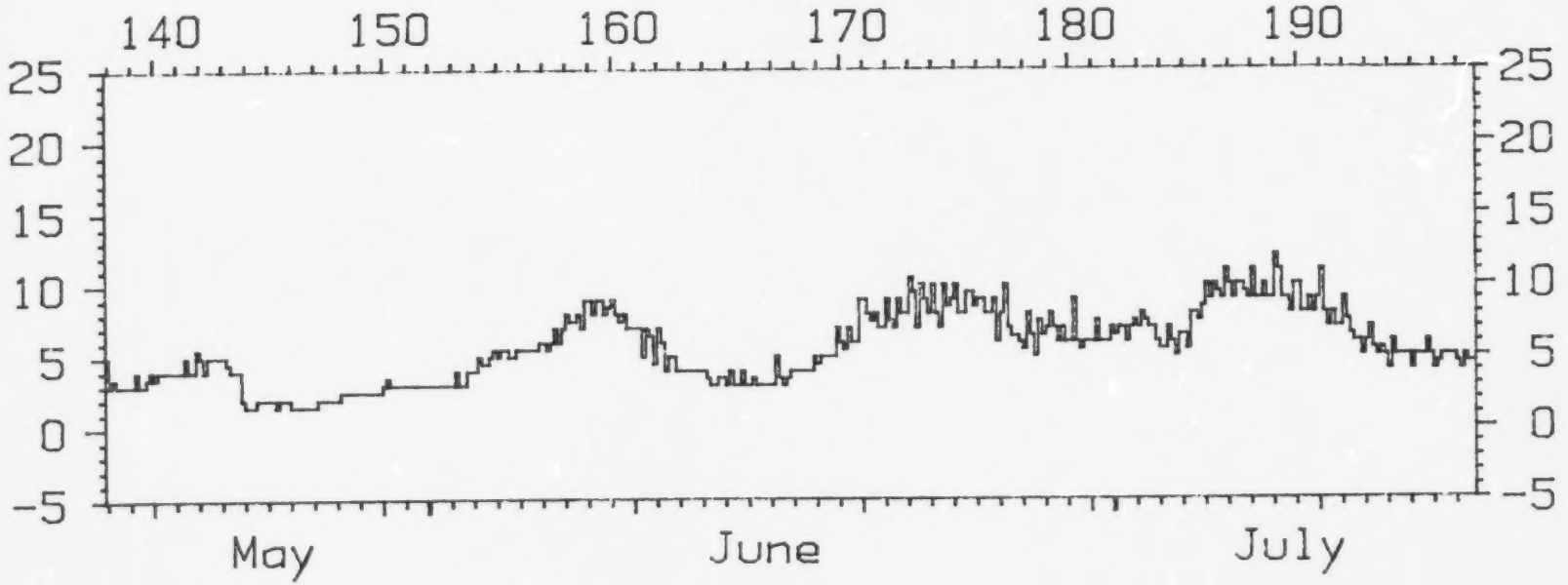


Instrument : 62869

POINTE-AU-PERE P. Q. (Page 1)

Pos. : 48. 52, 68. 47 Depth : 8 meters

May 17, 1983 20: 00 GMT to July 16, 1983 20: 00 GMT

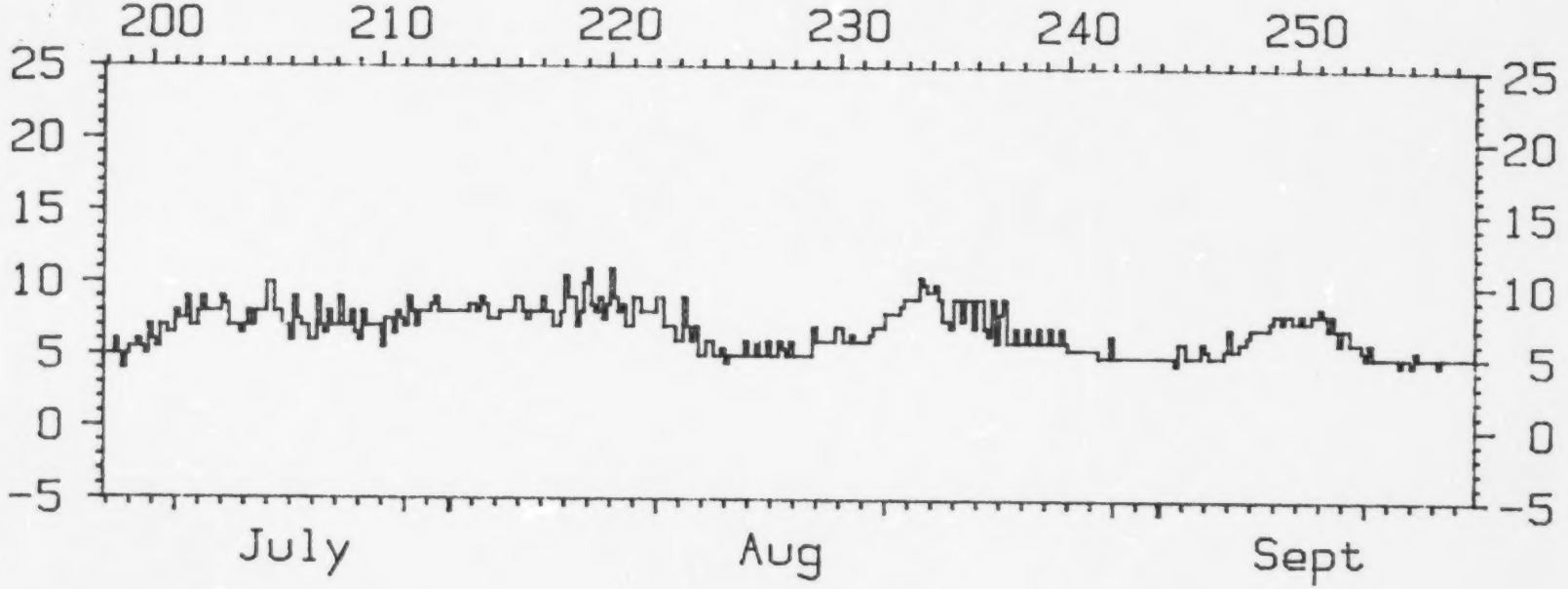


Instrument : 62864

POINTE-AU-PERE P. Q. (Page 2)

Pos. : 48. 52, 68. 47 Depth : 8 meters

July 16, 1983 20: 00 GMT to Sept 14, 1983 20: 00 GMT

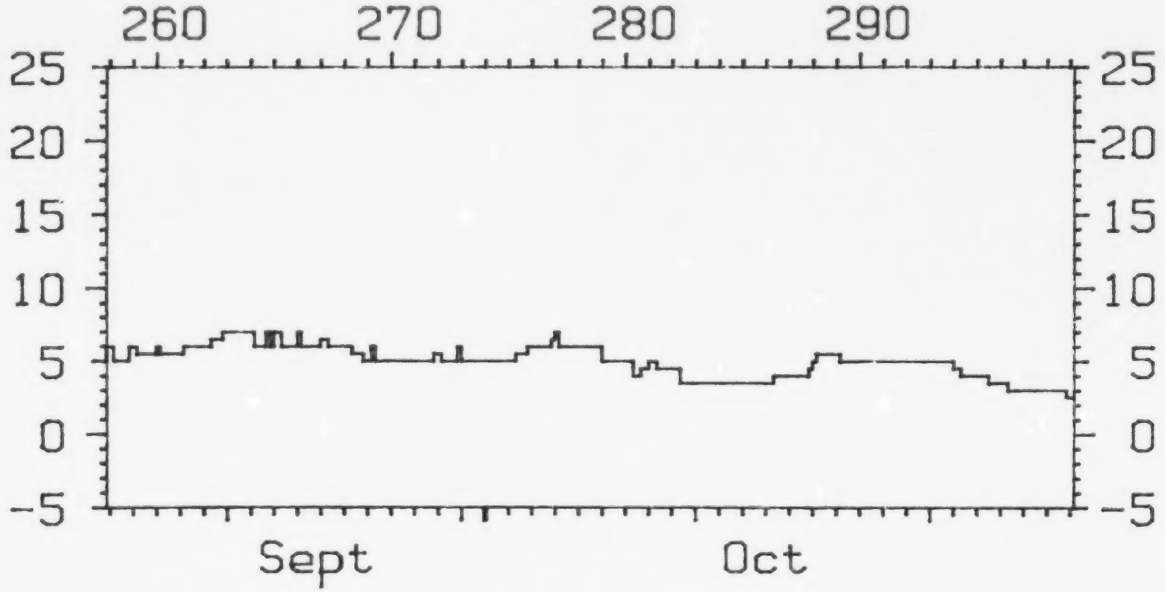


Instrument : 62864

POINTE-AU-PERE P.Q. (Page 3)

Pos. : 48.52, 68.47 Depth : 8 meters

Sept 14, 1983 20:00 GMT to Oct 26, 1983 04:00 GMT

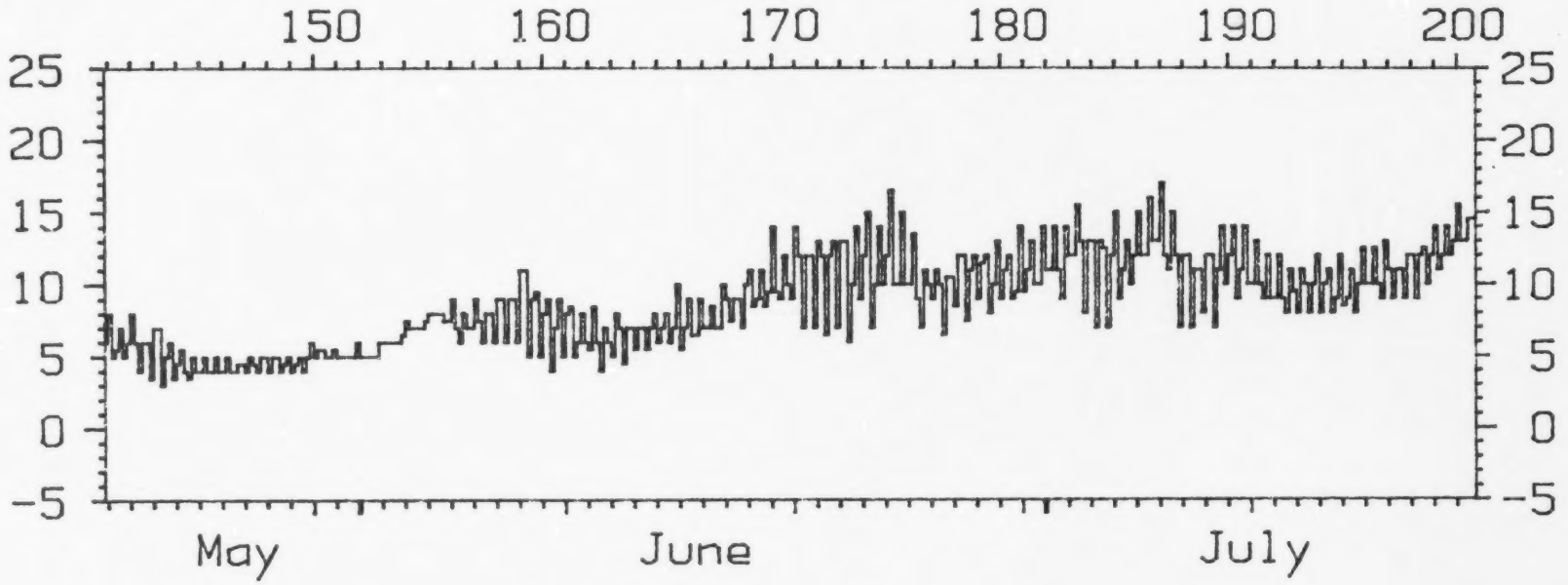


Instrument : 62864

RIVIERE DU LOUP PQ (Page 1)

Pos. : 47.85, 69.57 Depth : 7 meters

May 20, 1983 20:00 GMT to July 19, 1983 20:00 GMT



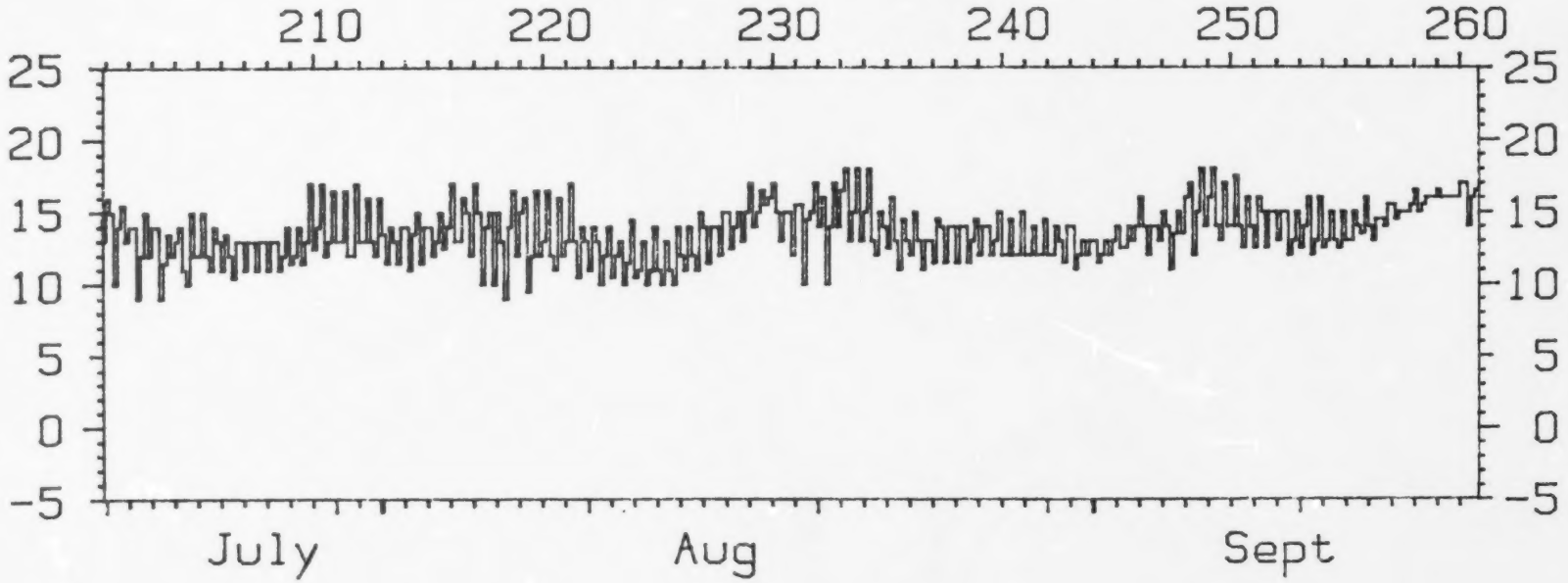
Instrument : 62863

Station 69

RIVIERE DU LOUP PQ (Page 2)

Pos. : 47.85, 69.57 Depth : 7 meters

July 19, 1983 20:00 GMT to Sept 17, 1983 20:00 GMT



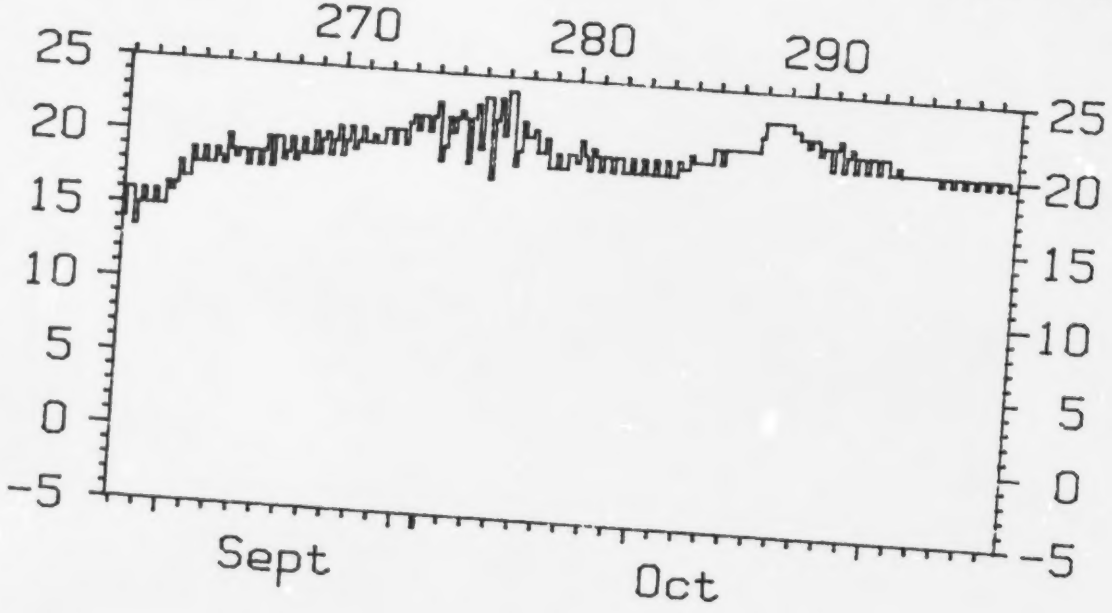
Instrument : 62863

RIVIERE DU LOUP PQ

(Page 3)

Pos. : 47.85, 69.57 Depth : 7 meters

Sept 17, 1983 20:00 GMT to Oct 25, 1983 20:00 GMT



Instrument : 62863

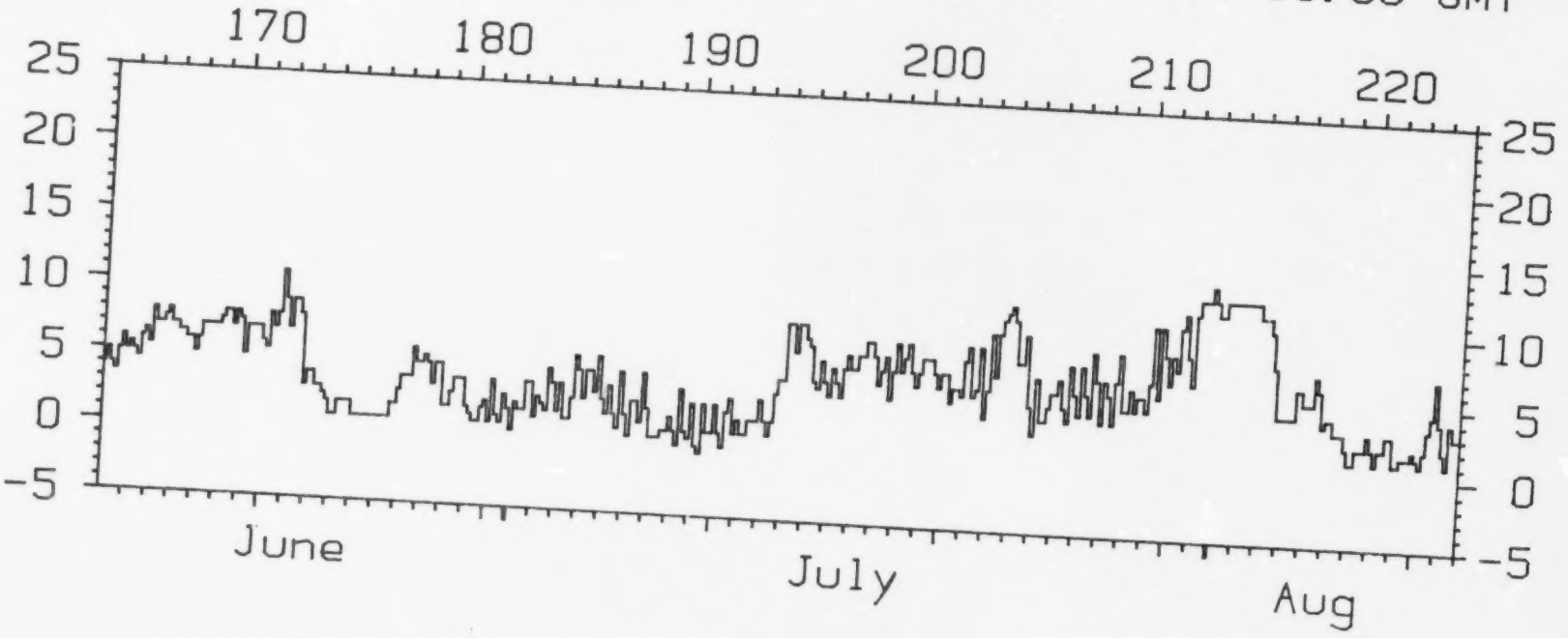
POINTE DES MONTS PQ

Pos. : 49.32, 67.38

(Page 1)

June 13, 1983 00:00 GMT to Aug 12, 1983 00:00 GMT

Depth : 7 meters

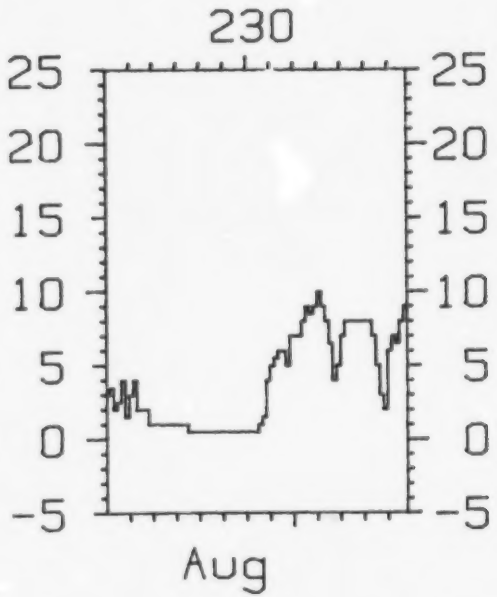


Instrument : 62905

POINTE DES MONTS PQ (Page 2)

Pos. : 49.32, 67.38 Depth : 7 meters

Aug 12, 1983 00:00 GMT to Aug 24, 1983 20:00 GMT

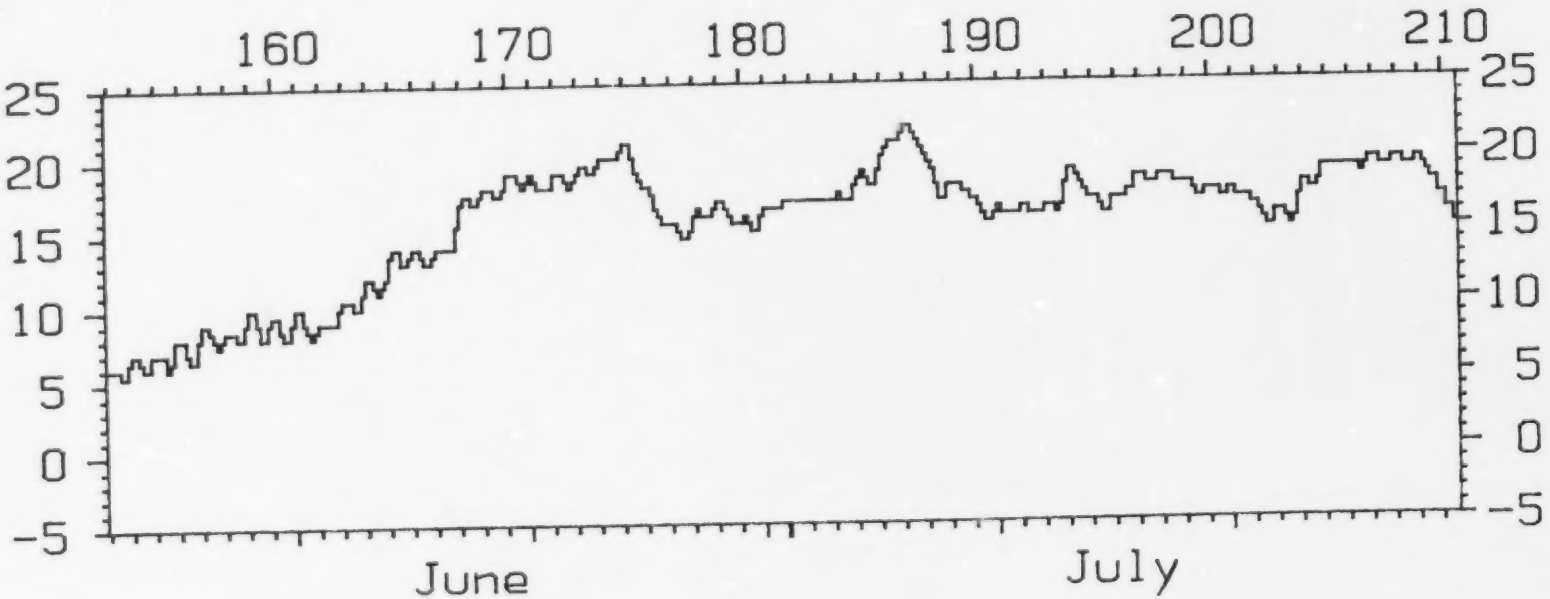


Instrument : 62905

RIVIERE GRANDE TRINITE PQ

Pos. : 49.32, 67.38

June 1, 1983 20:00 GMT to July 29, 1983 16:00 GMT

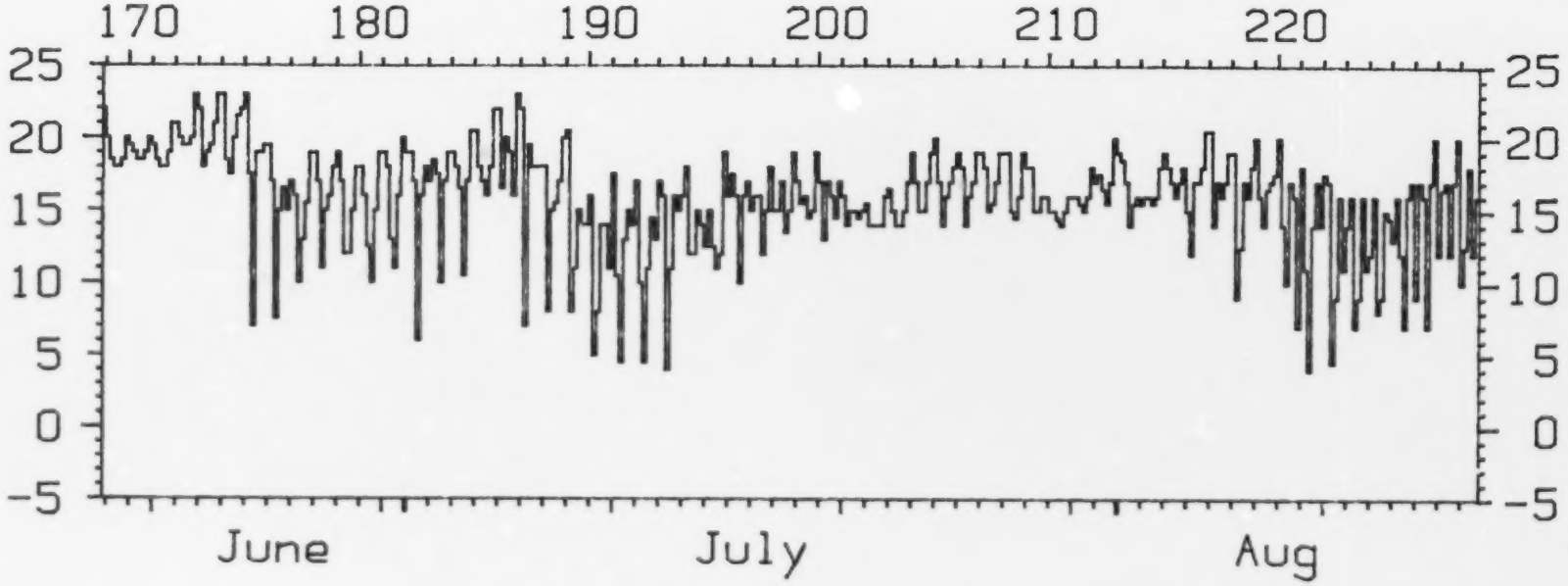


Instrument : 62900

RIVIERE PETITE TRINITE PQ (Page 1)

Pos. : 49.32, 67.38 Depth : 13 meters

June 17, 1983 20:00 GMT to Aug 16, 1983 20:00 GMT



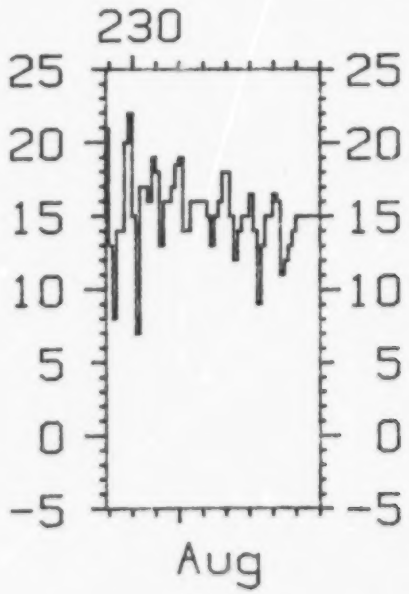
Instrument : 62898

IN THE ESTUARY

RIVIERE PETITE TRINITE PQ (Page 2)

Pos. : 49.32, 67.38 Depth : 13 meters

Aug 16, 1983 20:00 GMT to Aug 26, 1983 00:00 GMT



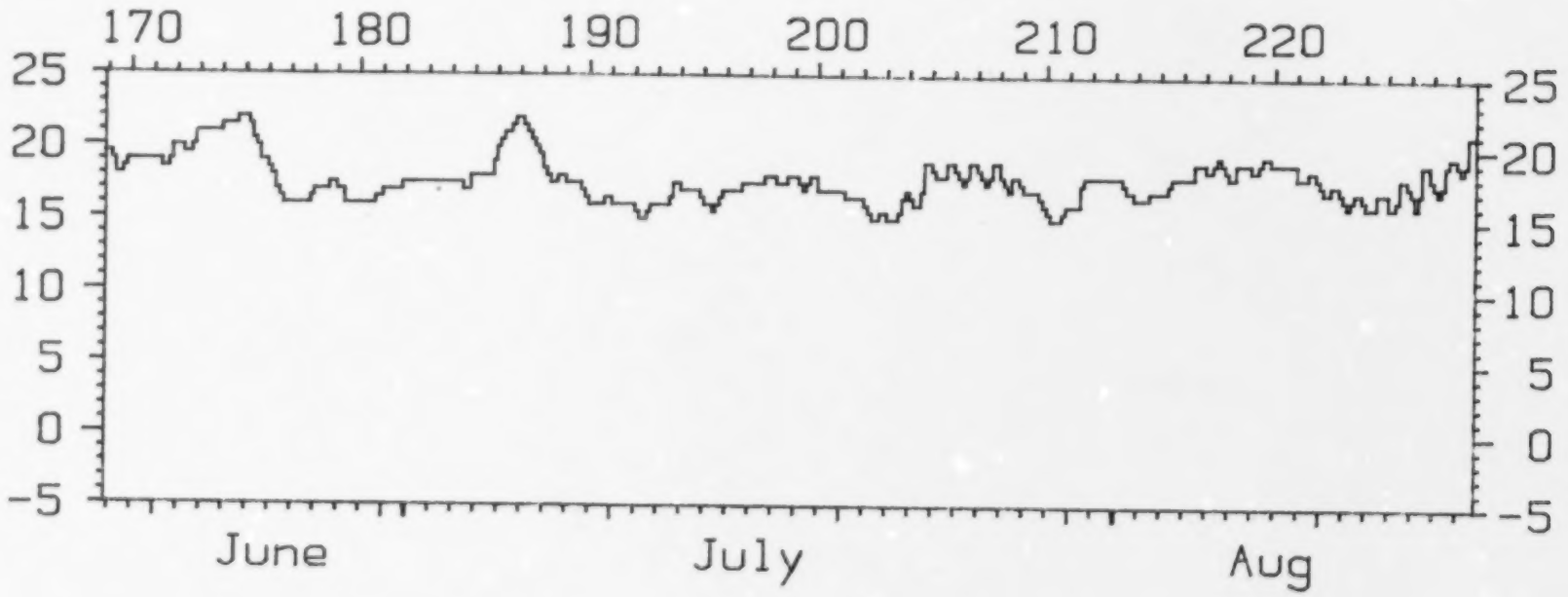
Instrument : 62898

IN THE ESTUARY

RIVIERE PETITE TRINITE PQ (Page 1)

Pos. : 49.32, 67.38 Depth : 1 meter

June 17, 1983 20:00 GMT to Aug 16, 1983 20:00 GMT



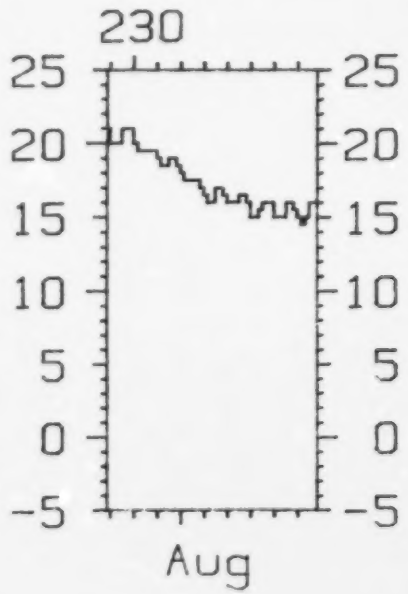
Instrument : 62897

IN FRESH WATER

RIVIERE PETITE TRINITE PQ (Page 2)

Pos. : 49.32, 67.38 Depth : 1 meter

Aug 16, 1983 20:00 GMT to Aug 25, 1983 20:00 GMT



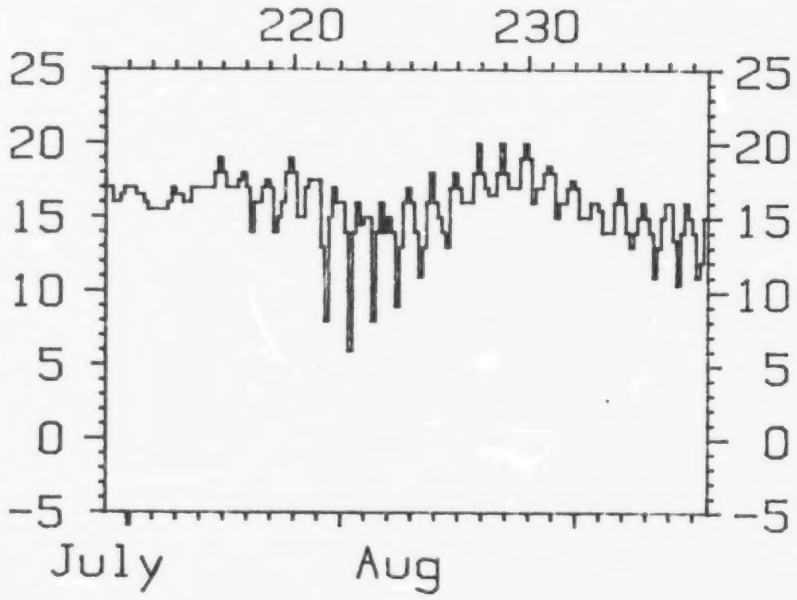
Instrument : 62897

IN FRESH WATER

RIVIERE GRAND CALUMET PQ

Pos. : 49.32, 67.38

July 31, 1983 00:00 GMT to Aug 25, 1983 16:00 GMT

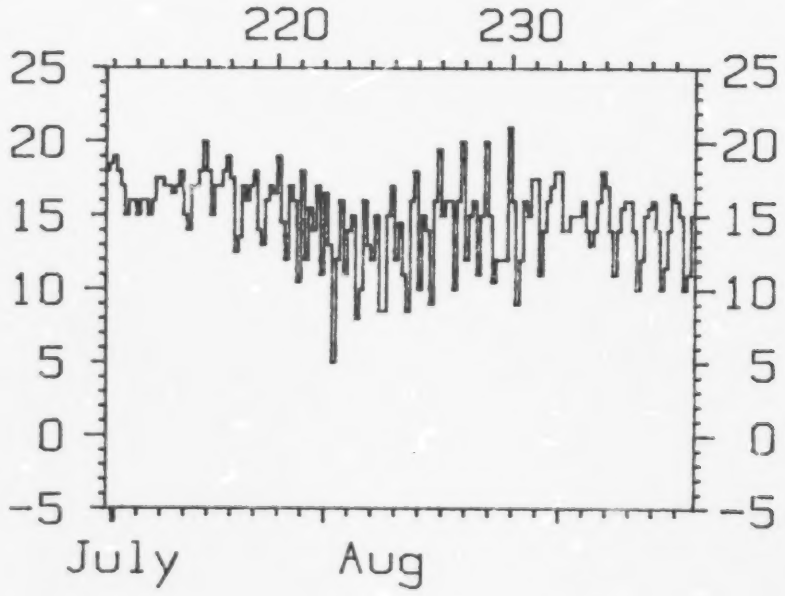


Instrument : 62902

RIVIERE GRAND CALUMET PQ

Pos. : 49.32, 67.38

July 31, 1983 16:00 GMT to Aug 25, 1983 20:00 GMT

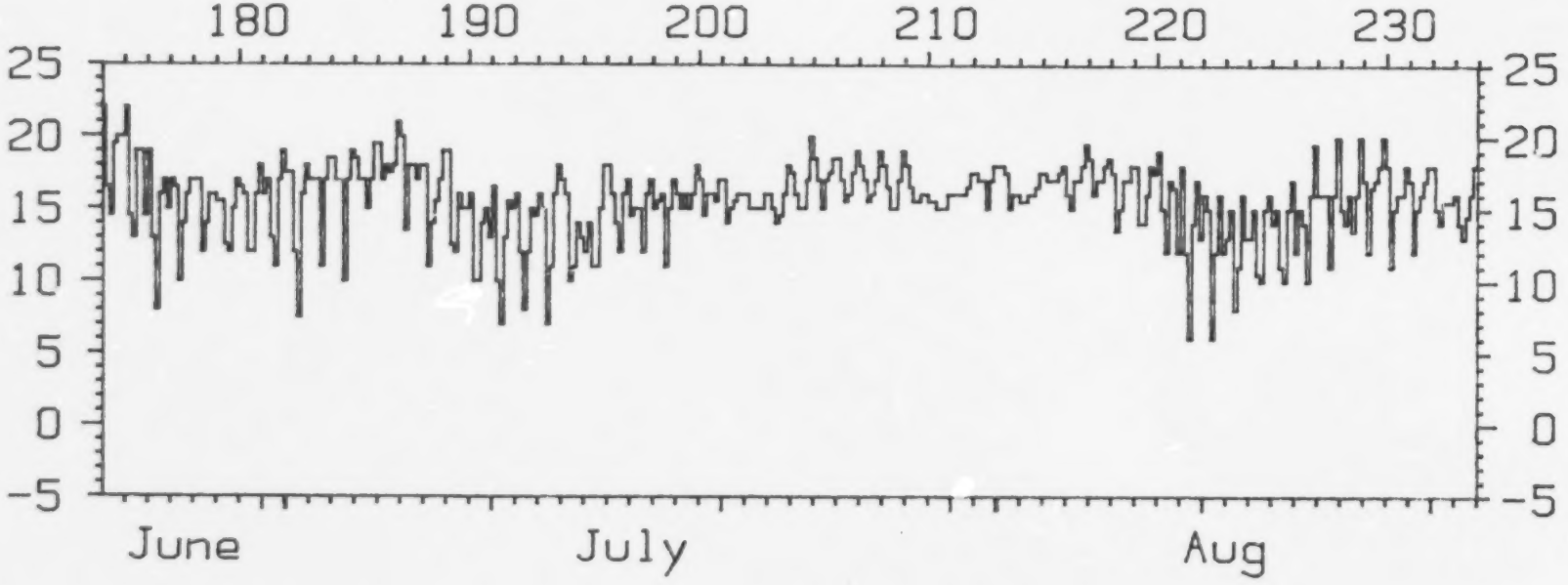


Instrument : 62900

RIVIERE GRAND CALUMET PQ (Page 1)

Pos. : 49.32, 67.38

June 23, 1983 00:00 GMT to Aug 22, 1983 00:00 GMT

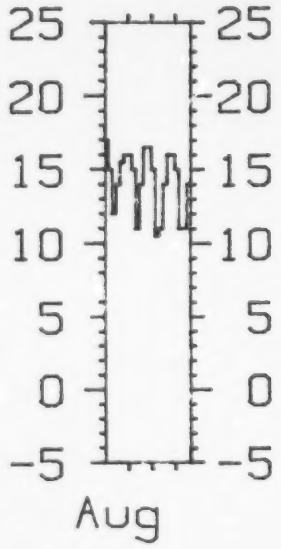


Instrument : 62899

RIVIERE GRAND CALUMET PQ (Page 2)

Pos. : 49.32, 67.38

Aug 22, 1983 00:00 GMT to Aug 25, 1983 16:00 GMT

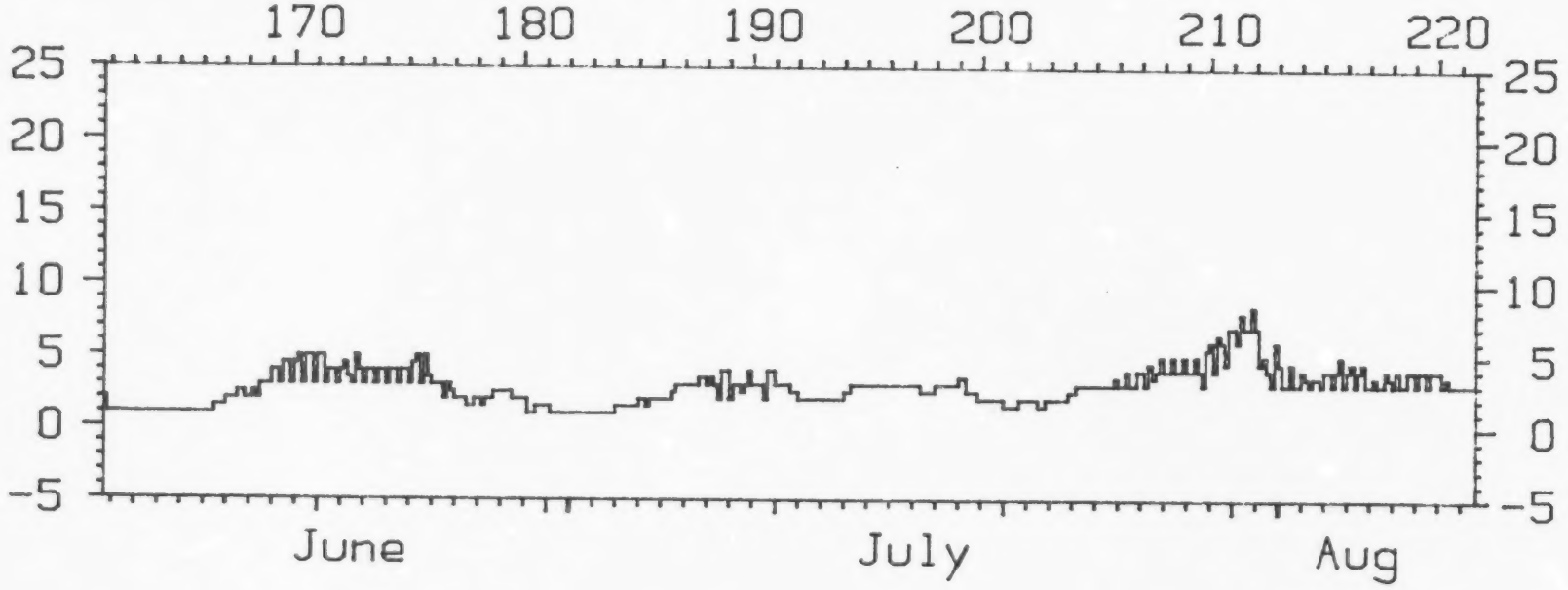


Instrument : 62899

HAVRE ST. PIERRE PQ (Page 1)

Pos. : 50.18, 63.58 Depth : 10 meters

June 10, 1983 16:00 GMT to Aug 9, 1983 16:00 GMT

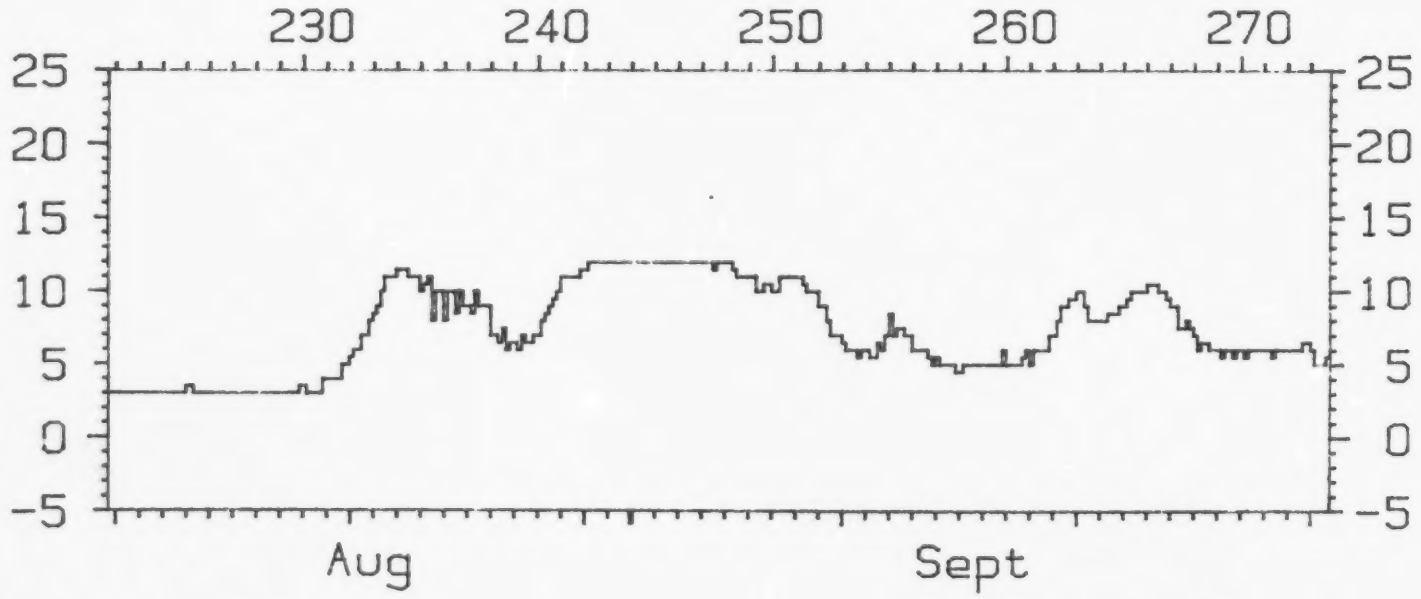


Instrument : 62871

HAVRE ST. PIERRE PQ (Page 2)

Pos. : 50.18, 63.58 Depth : 10 meters

Aug 9, 1983 16:00 GMT to Sept 30, 1983 20:00 GMT

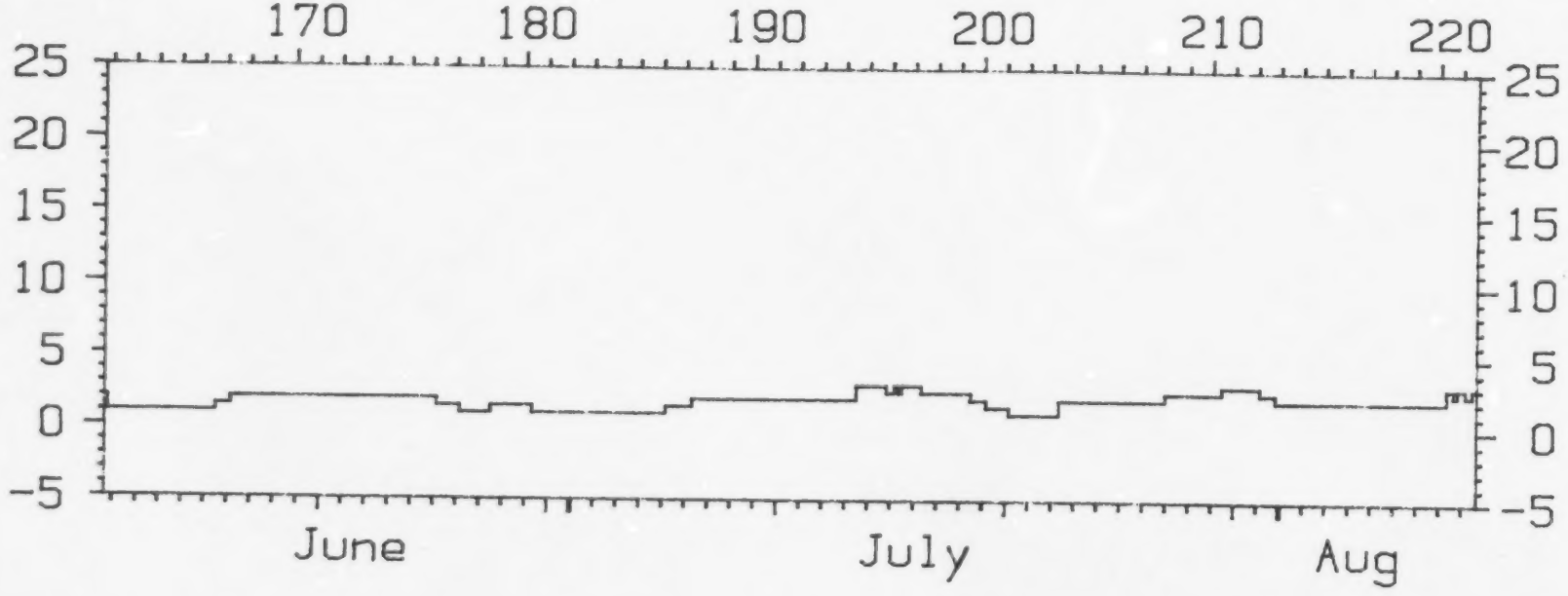


Instrument : 62871

HAVRE ST. PIERRE PQ (Page 1)

Pos. : 50.2, 63.57 Depth : 36 meters

June 10, 1983 16:00 GMT to Aug 9, 1983 16:00 GMT

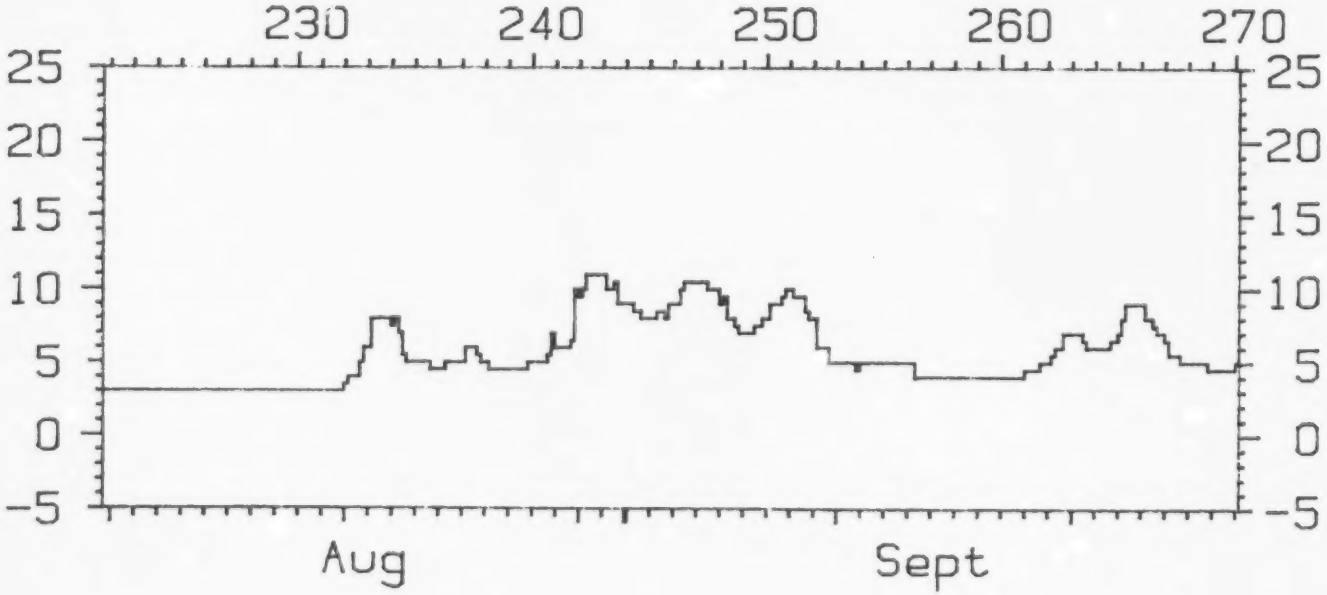


Instrument : 62865

HAVRE ST. PIERRE PQ (Page 2)

Pos. : 50.2, 63.57 Depth : 36 meters

Aug 9, 1983 16:00 GMT to Sept 27, 1983 04:00 GMT

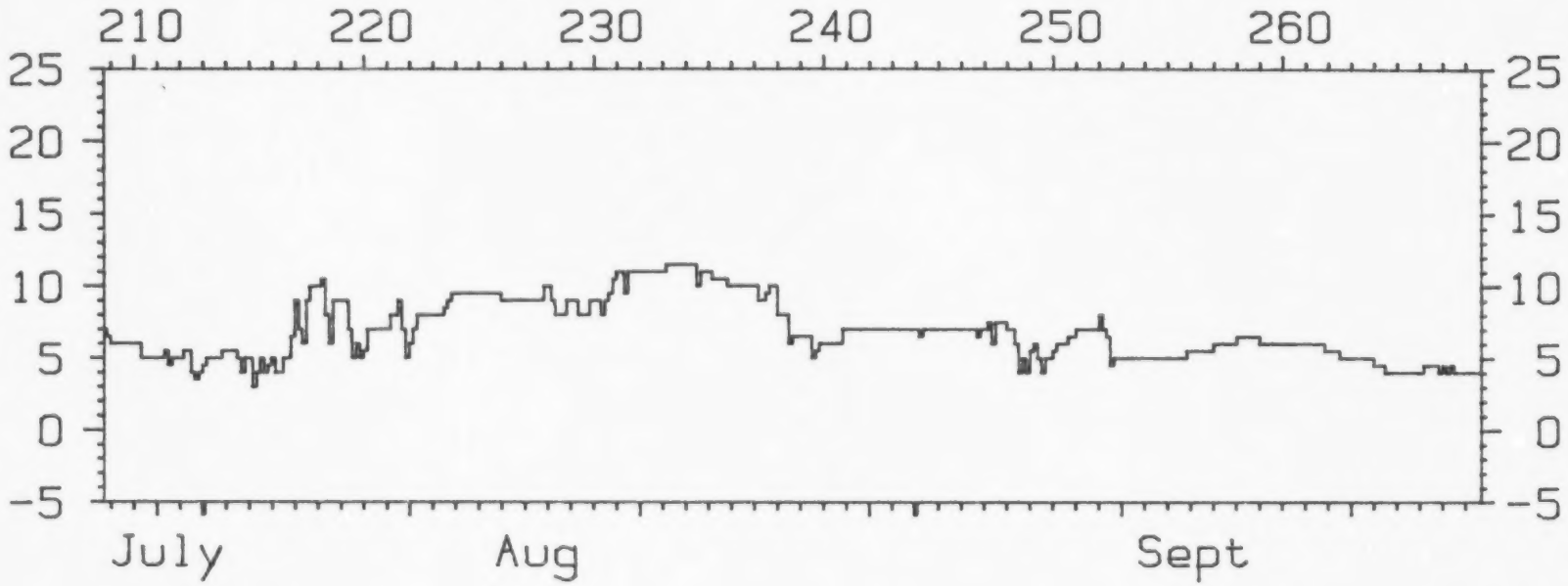


Instrument : 62865

BLANC SABLON PQ (Page 1)

Pos. : 51.42, 57.22 Depth : 16 meters

July 27, 1983 16:00 GMT to Sept 25, 1983 16:00 GMT

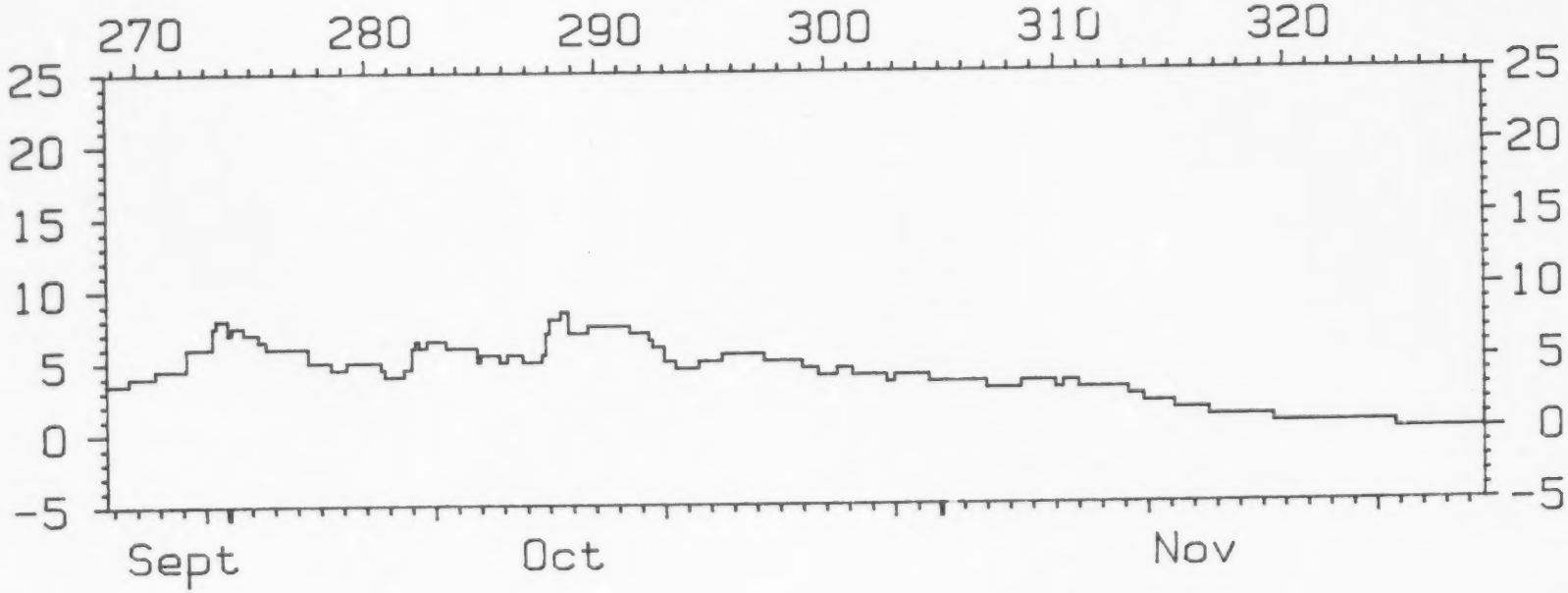


Instrument : 62540

BLANC SABLON PQ (Page 2)

Pos. : 51.42, 57.22 Depth : 16 meters

Sept 25, 1983 16:00 GMT to Nov 24, 1983 16:00 GMT

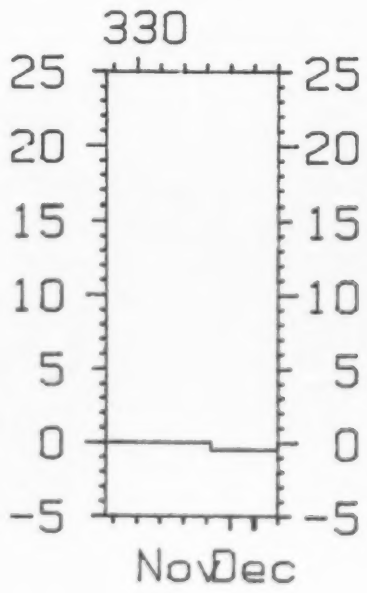


Instrument : 62540

BLANC SABLON PQ (Page 3)

Pos. : 51.42, 57.22 Depth : 16 meters

Nov 24, 1983 16:00 GMT to Dec 2, 1983 00:00 GMT

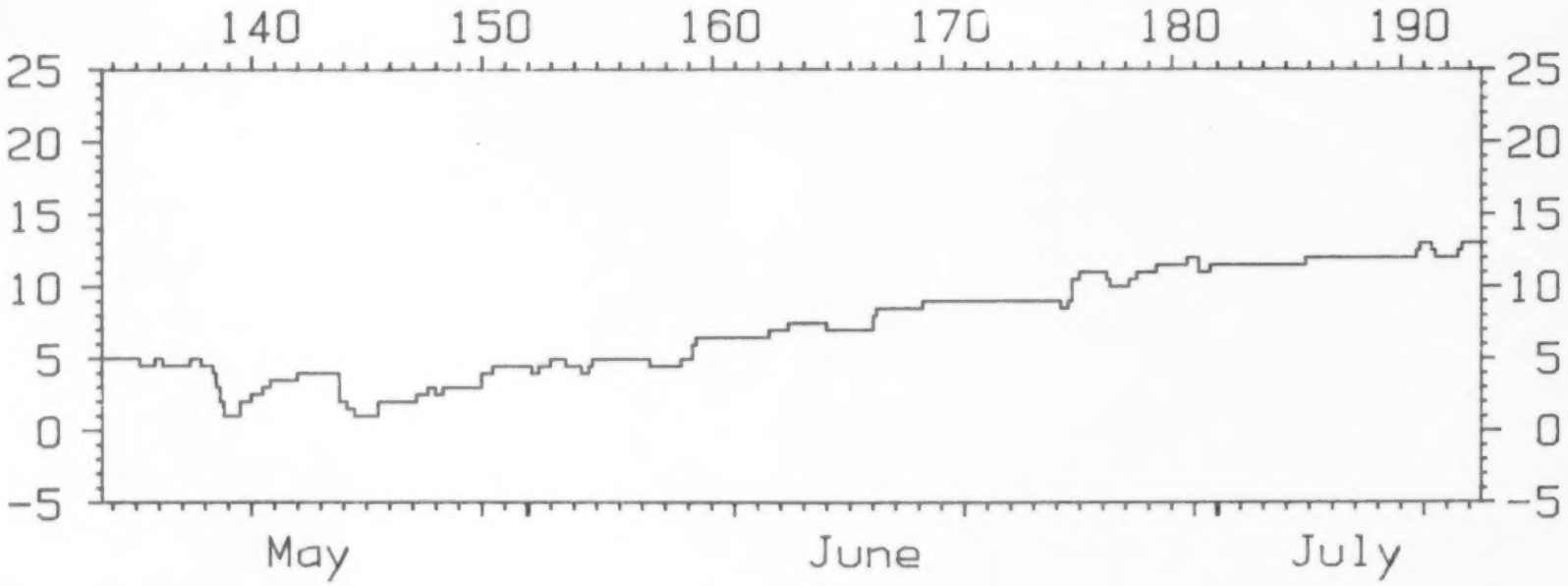


Instrument : 62540

PARSONS POND NFLD (Page 1)

Pos. : 49.88, 57.75 Depth : 19 meters

May 13, 1983 12:00 GMT to July 12, 1983 12:00 GMT

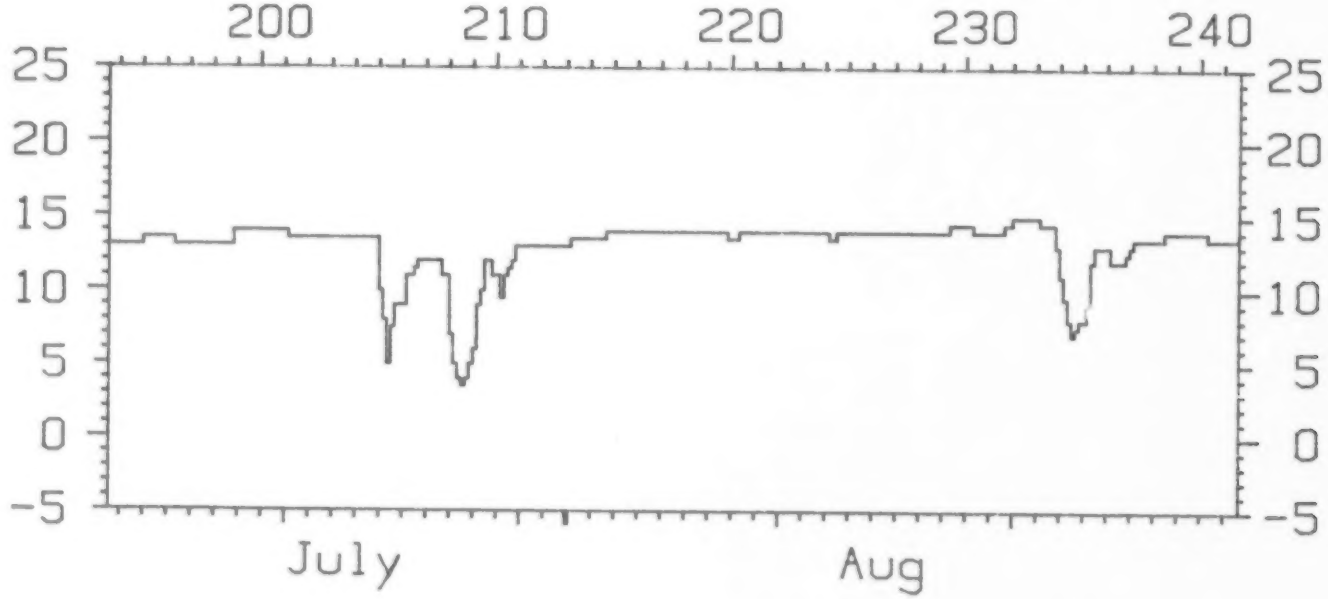


Instrument : 61655

PARSONS POND NFLD (Page 2)

Pos. : 49.88, 57.75 Depth : 19 meters

July 12, 1983 12:00 GMT to Aug 29, 1983 16:00 GMT

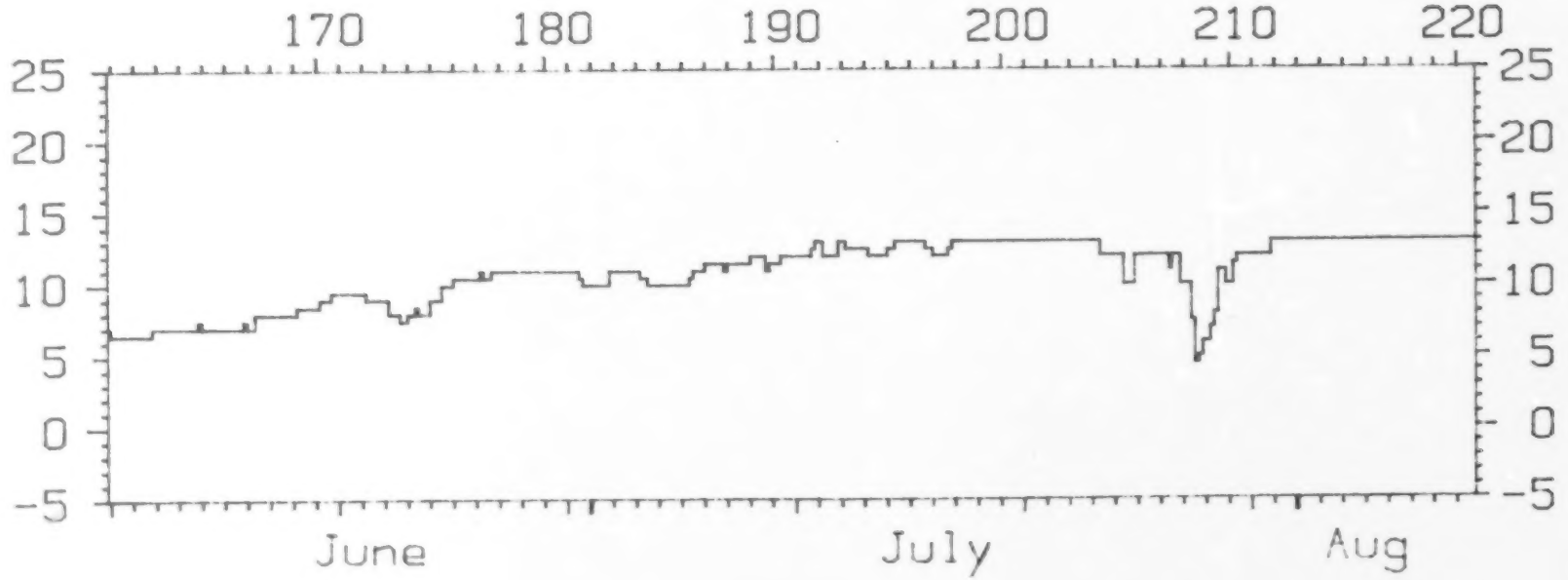


Instrument : 61655

BONNE BAY NFLD (Page 1)

Pos. : 49.5, 57.89 Depth : 19 meters

June 9, 1983 20:00 GMT to Aug 8, 1983 20:00 GMT

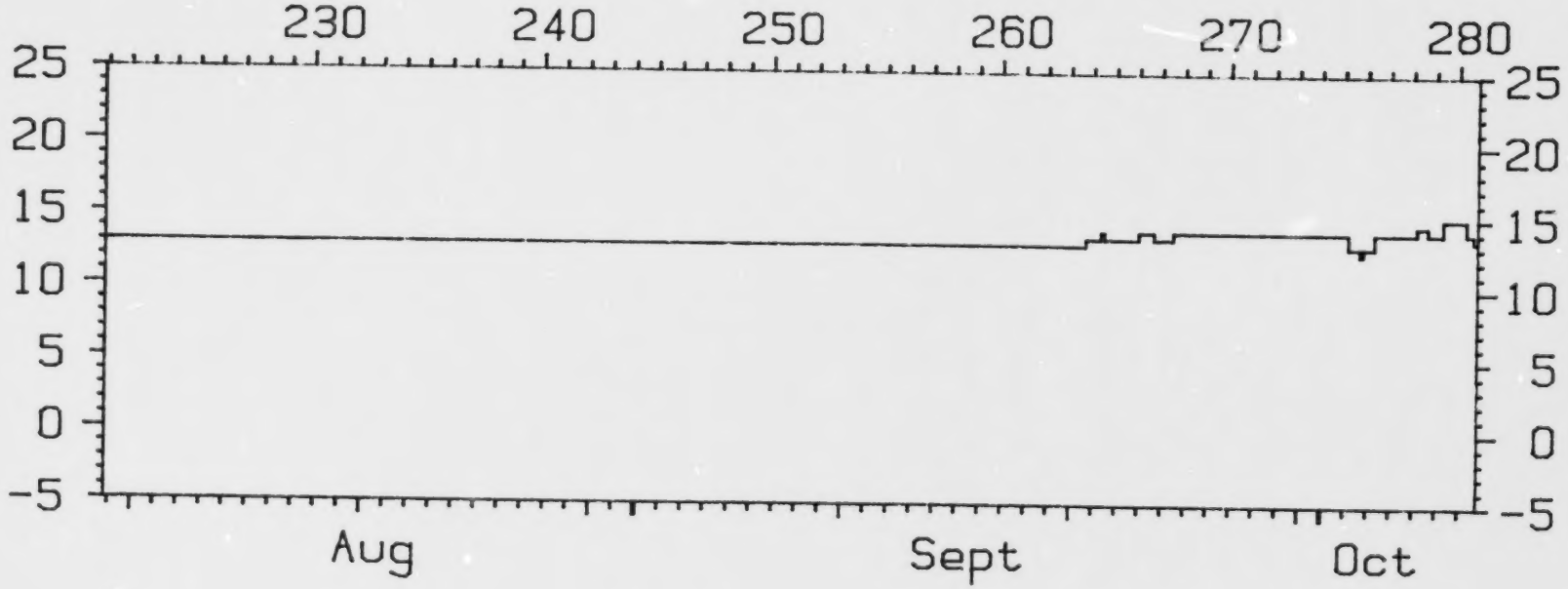


Instrument : 62551

BONNE BAY NFLD (Page 2)

Pos. : 49.5, 57.89 Depth : 19 meters

Aug 8, 1983 20:00 GMT to Oct 7, 1983 20:00 GMT

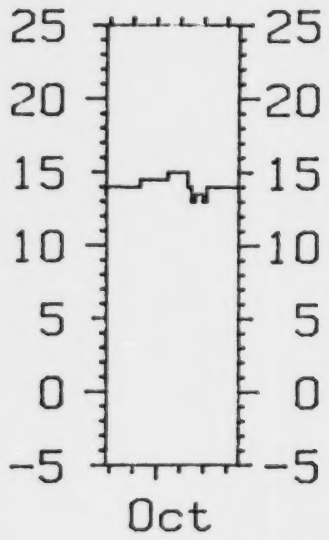


Instrument : 62551

BONNE BAY NFLD (Page 3)

Pos. : 49.5, 57.89 Depth : 19 meters

Oct 7, 1983 20:00 GMT to Oct 13, 1983 12:00 GMT

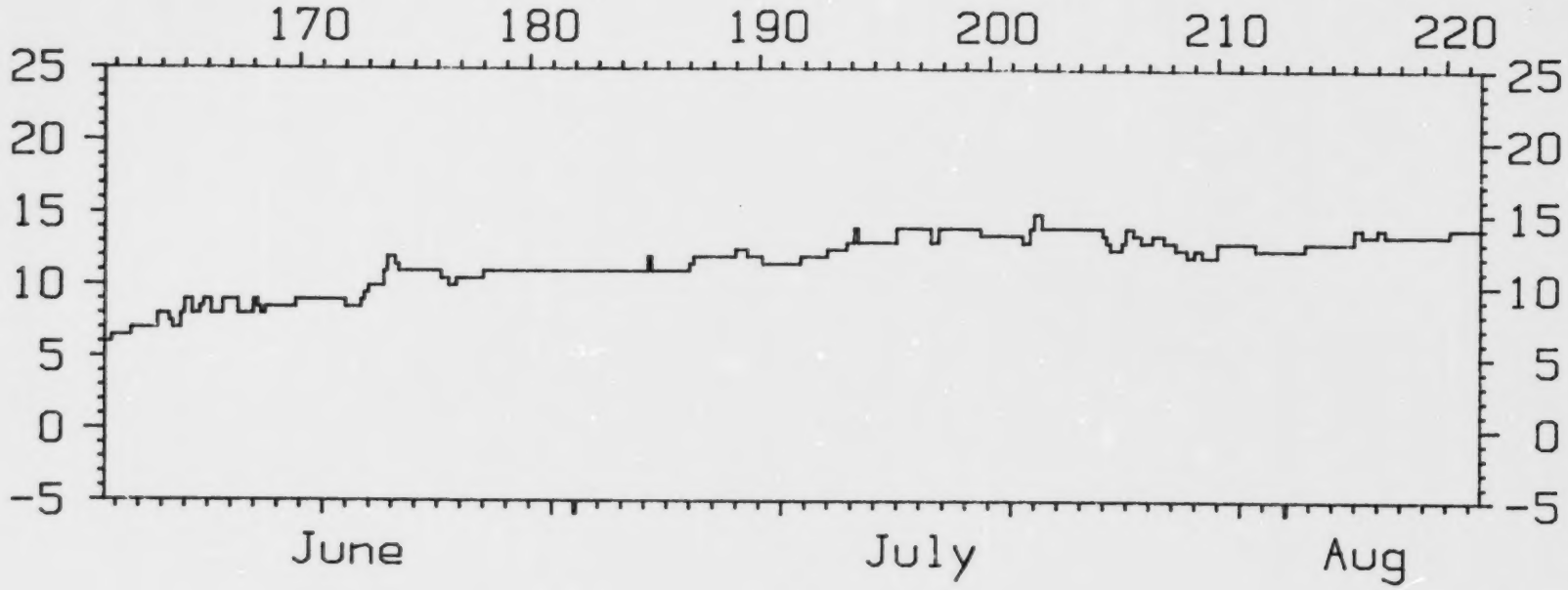


Instrument : 62551

LARK HARBOUR NFLD (Page 1)

Pos. : 49.12, 58.35 Depth : 19 meters

June 10, 1983 12:00 GMT to Aug 9, 1983 12:00 GMT

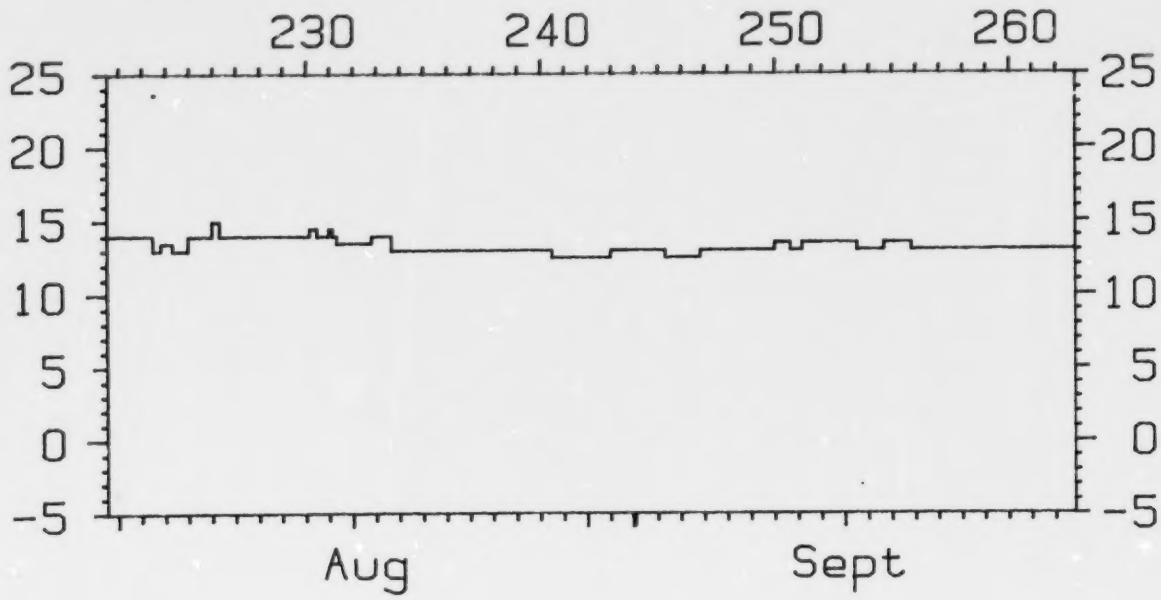


Instrument : 61468

LARK HARBOUR NFLD (Page 2)

Pos. : 49. 12, 58. 35 Depth : 19 meters

Aug 9, 1983 12:00 GMT to Sept 19, 1983 20:00 GMT

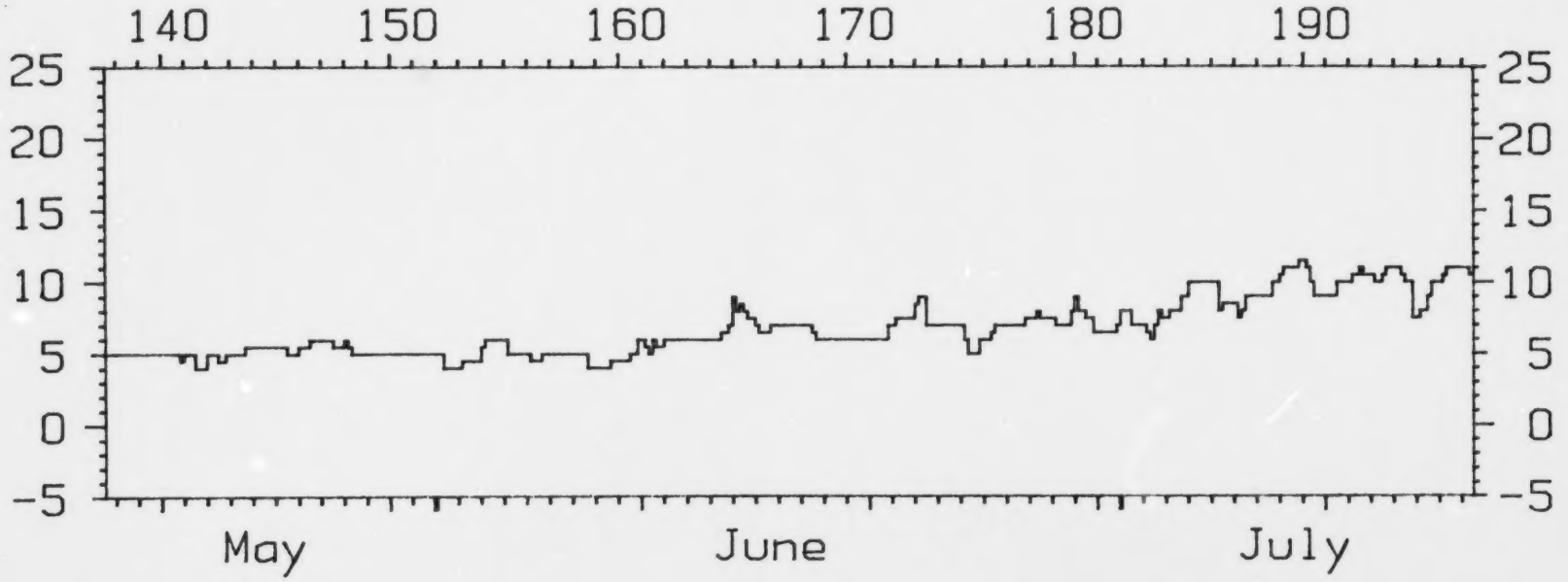


Instrument : 61468

PORT AU PORT BAY NFLD. (Page 1)

Pos. : 48.57, 58.73 Depth : 19 meters

May 17, 1983 12:00 GMT to July 16, 1983 12:00 GMT

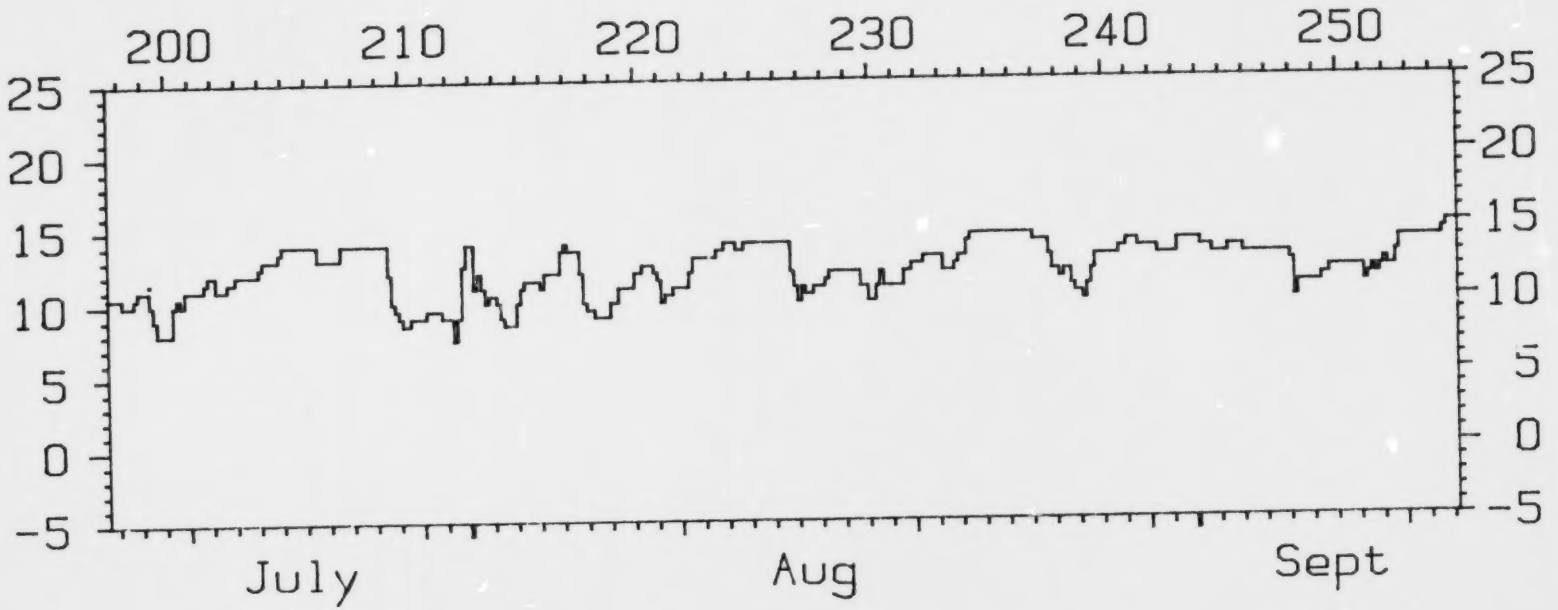


Instrument : 62480

PORT AU PORT BAY NFLD. (Page 2)

Pos. : 48.57, 58.73 Depth : 19 meters

July 16, 1983 12:00 GMT to Sept 12, 1983 04:00 GMT



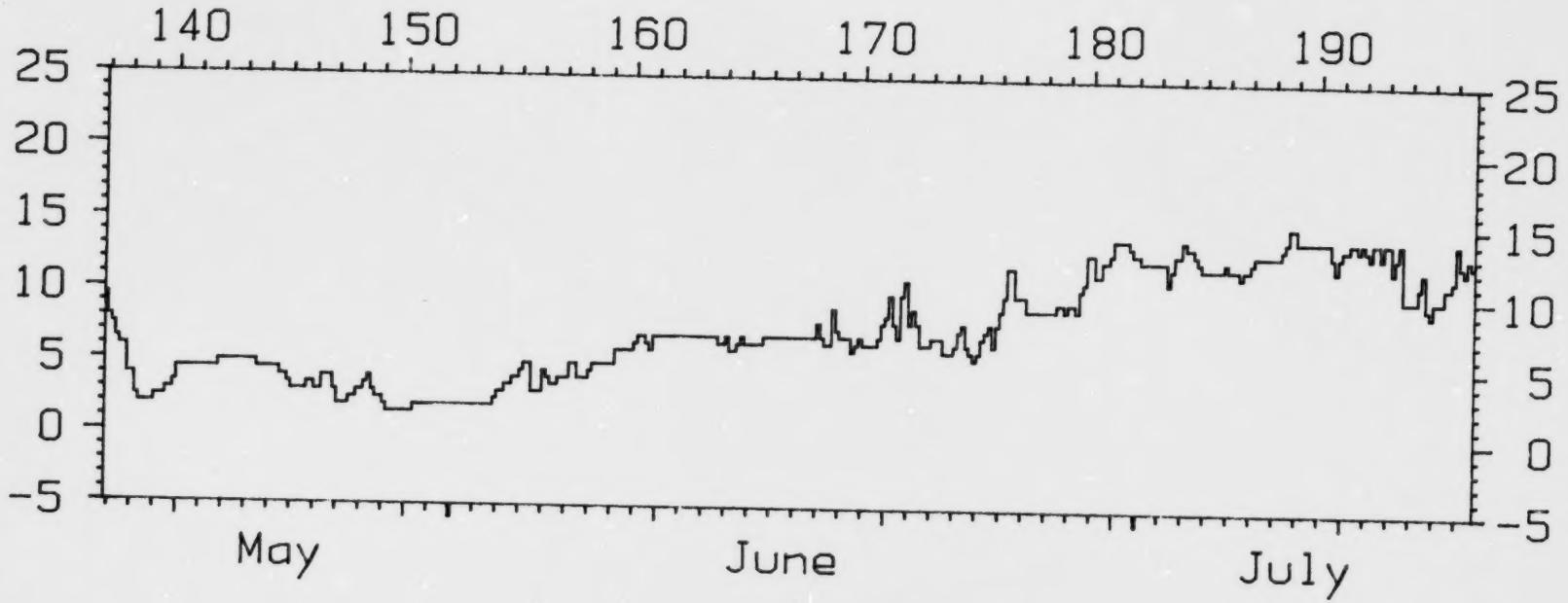
Instrument : 62480

ST. GEORGES BAY NFLD

(Page 1)

Pos. : 48.47, 58.47 Depth : 19 meters

May 16, 1983 20:00 GMT to July 15, 1983 20:00 GMT

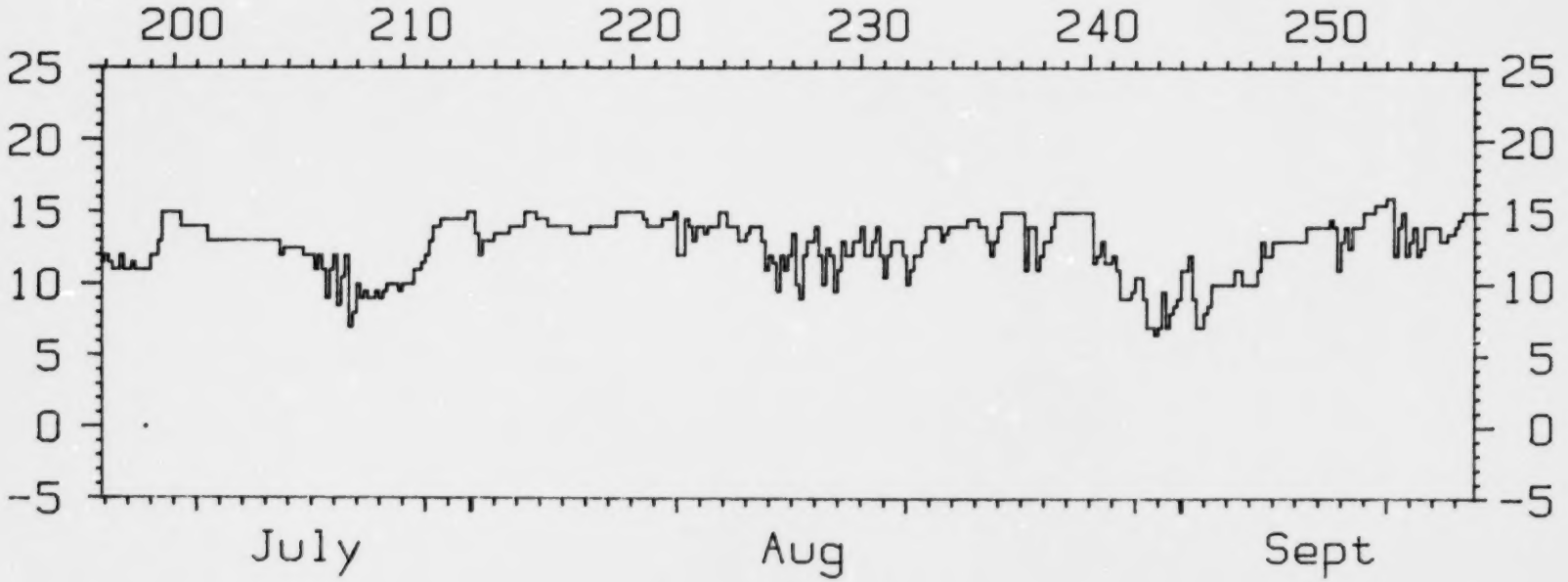


Instrument : 61673

ST. GEORGES BAY NFLD (Page 2)

Pos. : 48.47, 58.47 Depth : 19 meters

July 15, 1983 20:00 GMT to Sept 13, 1983 20:00 GMT

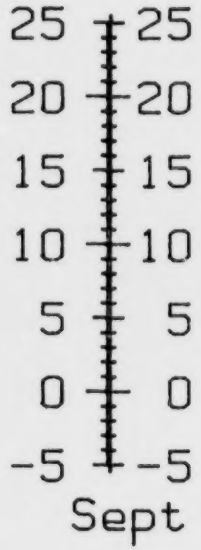


Instrument : 61673

ST. GEORGES BAY NFLD (Page 3)

Pos. : 48.47, 58.47 Depth : 19 meters

Sept 13, 1983 20:00 GMT to Sept 14, 1983 00:00 GMT



Instrument : 61673

SECTION 10

AREA 1: SCOTIA-FUNDY

MEAN DAILY TEMPERATURES, DEGREE DAYS

ALMA N.B.

Station	Depth	Latitude	Longitude	Start
2	30.0	45.60	64.95	June 2, 1982 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
153	7.00	7.00	3.00
154	7.00	14.00	6.00
155	7.00	21.00	9.00
156	7.00	28.00	12.00
157	7.25	35.25	15.25
158	7.50	42.75	18.75
159	7.50	50.25	22.25
160	7.67	57.92	25.92
161	8.00	65.92	29.92
162	8.00	73.92	33.92
163	8.00	81.92	37.92
164	8.00	89.92	41.92
165	8.00	97.92	45.92
166	8.00	105.92	49.92
167	8.00	113.92	53.92
168	8.00	121.92	57.92
169	8.00	129.92	61.92
170	8.00	137.92	65.92
171	8.00	145.92	69.92
172	8.25	154.17	74.17
173	8.50	162.67	78.67
174	8.50	171.17	83.17
175	8.50	179.67	87.67
176	8.50	188.17	92.17
177	8.50	196.67	96.67
178	8.83	205.50	101.50
179	9.00	214.50	106.50
180	9.00	223.50	111.50

Estimated Deg. days (0) for June/82 = 239.46

DELAPS COVE NS.

Station	Depth	Latitude	Longitude	Start
3	0.0	44.78	65.63	Apr 26, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
116	5.00	5.00	1.00
117	5.00	10.00	2.00
118	5.00	15.00	3.00
119	5.00	20.00	4.00
120	5.00	25.00	5.00
121	5.00	30.00	6.00
122	5.00	35.00	7.00
123	5.00	40.00	8.00
124	5.00	45.00	9.00
125	5.00	50.00	10.00
126	5.08	55.08	11.08
127	5.50	60.58	12.58
128	5.50	66.08	14.08
129	5.33	71.42	15.42
130	5.08	76.50	16.50
131	5.25	81.75	17.75
132	5.50	87.25	19.25
133	5.17	92.42	20.42
134	5.00	97.42	21.42
135	5.00	102.42	22.42
136	5.00	107.42	23.42
137	5.00	112.42	24.42
138	5.00	117.42	25.42
139	5.00	122.42	26.42
140	5.00	127.42	27.42
141	5.00	132.42	28.42
142	5.08	137.50	29.50
143	5.50	143.00	31.00
144	5.50	148.50	32.50
145	5.50	154.00	34.00
146	5.50	159.50	35.50
147	5.50	165.00	37.00
148	5.50	170.50	38.50
149	5.50	176.00	40.00
150	6.00	182.00	42.00
151	6.00	188.00	44.00

Total Deg. days (0) for May/83 = 163.00

152	6.00	194.00	46.00
153	6.00	200.00	48.00
154	6.00	206.00	50.00
155	6.00	212.00	52.00
156	6.08	218.08	54.08
157	6.50	224.58	56.58
158	6.50	231.08	59.08
159	6.50	237.58	61.58
160	7.00	244.58	64.58
161	8.00	252.58	68.58
162	8.00	260.58	72.58

DELAPS COVE NS. ... continued

Station	Depth	Latitude	Longitude	Start
3	0.0	44.78	65.63	Apr 26, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
163	8.00	268.58	76.58
164	7.58	276.17	80.17
165	7.50	283.67	83.67
166	7.50	291.17	87.17
167	7.50	298.67	90.67
168	7.50	306.17	94.17
169	7.50	313.67	97.67
170	7.50	321.17	101.17
171	7.58	328.75	104.75
172	7.75	336.50	108.50
173	7.50	344.00	112.00
174	7.58	351.58	115.58
175	8.00	359.58	119.58
176	8.00	367.58	123.58
177	8.00	375.58	127.58
178	8.00	383.58	131.58
179	8.00	391.58	135.58
180	8.00	399.58	139.58
181	8.00	407.58	143.58

Total Deg. days (0) for June/83 = 219.58

182	8.17	415.75	147.75
183	9.42	425.17	153.17
184	9.17	434.33	158.33
185	9.00	443.33	163.33
186	9.00	452.33	168.33
187	9.00	461.33	173.33
188	9.00	470.33	178.33
189	9.00	479.33	183.33
190	9.00	488.33	188.33
191	9.00	497.33	193.33
192	9.00	506.33	198.33
193	9.00	515.33	203.33
194	9.00	524.33	208.33
195	9.00	533.33	213.33
196	9.00	542.33	218.33
197	9.00	551.33	223.33
198	9.00	560.33	228.33
199	9.00	569.33	233.33
200	9.00	578.33	238.33
201	9.00	587.33	243.33
202	9.00	596.33	248.33
203	9.00	605.33	253.33
204	9.00	614.33	258.33
205	9.00	623.33	263.33
206	9.00	632.33	268.33
207	9.00	641.33	273.33
208	9.00	650.33	278.33
209	9.00	659.33	283.33

DELAPS COVE NS. ... continued

Station	Depth	Latitude	Longitude	Start
3	0.0	44.78	65.63	Apr 26, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
210	9.00	668.33	288.33
211	9.75	678.08	294.08
212	10.00	688.08	300.08

Total Deg. days (0) for July/83 = 280.50

213	10.00	698.08	306.08
214	10.00	708.08	312.08
215	10.00	718.08	318.08
216	10.00	728.08	324.08
217	10.00	738.08	330.08
218	10.00	748.08	336.08
219	10.00	758.08	342.08
220	10.00	768.08	348.08
221	10.00	778.08	354.08
222	10.00	788.08	360.08
223	10.00	798.08	366.08
224	10.00	808.08	372.08
225	10.00	818.08	378.08
226	10.00	828.08	384.08
227	10.00	838.08	390.08
228	9.50	847.58	395.58
229	9.50	857.08	401.08
230	9.50	866.58	406.58
231	9.58	876.17	412.17
232	10.00	886.17	418.17
233	10.00	896.17	424.17
234	10.00	906.17	430.17
235	10.00	916.17	436.17
236	10.00	926.17	442.17

Estimated Deg. days (0) for Aug/83 = 307.52

YARMOUTH FERRY TRACK N.S.

Station	Depth	Latitude	Longitude	Start
7	18.0	43.76	66.27	Dec 24, 1981 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
358	6.00	6.00	2.00
359	5.50	11.50	3.50
360	5.50	17.00	5.00
361	5.17	22.17	6.17
362	5.00	27.17	7.17
363	5.00	32.17	8.17
364	4.67	36.83	8.83
365	4.50	41.33	9.33
1	4.50	45.83	9.83
2	4.17	50.00	10.00
3	4.00	54.00	10.00
4	4.00	58.00	10.00
5	3.50	61.50	10.00
6	3.50	65.00	10.00
7	3.50	68.50	10.00
8	3.50	72.00	10.00
9	3.25	75.25	10.00
10	3.00	78.25	10.00
11	2.92	81.17	10.00
12	2.50	83.67	10.00
13	2.42	86.08	10.00
14	2.00	88.08	10.00
15	2.00	90.08	10.00
16	2.00	92.08	10.00
17	2.00	94.08	10.00
18	1.67	95.75	10.00
19	2.25	98.00	10.00
20	2.92	100.92	10.00
21	2.33	103.25	10.00
22	2.00	105.25	10.00
23	2.00	107.25	10.00
24	0.67	107.92	10.00
25	0.50	108.42	10.00
26	0.67	109.08	10.00
27	1.00	110.08	10.00
28	1.00	111.08	10.00
29	1.00	112.08	10.00
30	1.00	113.08	10.00
31	1.00	114.08	10.00

Total Deg. days (0) for Jan/82 = 72.75

32	1.00	115.08	10.00
33	1.00	116.08	10.00
34	1.00	117.08	10.00
35	1.00	118.08	10.00
36	1.00	119.08	10.00
37	1.00	120.08	10.00
38	1.00	121.08	10.00
39	0.50	121.58	10.00

YARMOUTH FERRY TRACK N.S. ... continued

Station	Depth	Latitude	Longitude	Start
7	18.0	43.76	66.27	Dec 24, 1981 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
40	0.50	122.08	10.00
41	0.50	122.58	10.00
42	0.50	123.08	10.00
43	0.50	123.58	10.00
44	0.00	123.58	10.00
45	0.00	123.58	10.00
46	0.00	123.58	10.00
47	0.00	123.58	10.00
48	0.00	123.58	10.00
49	0.00	123.58	10.00
50	0.00	123.58	10.00
51	0.00	123.58	10.00
52	0.42	124.00	10.00
53	0.33	124.33	10.00
54	0.00	124.33	10.00
55	0.00	124.33	10.00
56	0.00	124.33	10.00
57	-0.25	124.33	10.00
58	-0.25	124.33	10.00
59	0.00	124.33	10.00

Total Deg. days (0) for Feb/82 = 10.25

60	-0.33	124.33	10.00
61	-0.50	124.33	10.00
62	-1.00	124.33	10.00
63	-1.00	124.33	10.00
64	-1.00	124.33	10.00
65	-1.00	124.33	10.00
66	-1.00	124.33	10.00
67	-1.00	124.33	10.00
68	-0.50	124.33	10.00
69	-0.50	124.33	10.00
70	-0.50	124.33	10.00
71	-0.50	124.33	10.00
72	-0.50	124.33	10.00
73	-0.50	124.33	10.00
74	-0.25	124.33	10.00
75	-0.50	124.33	10.00
76	0.00	124.33	10.00
77	0.00	124.33	10.00
78	0.00	124.33	10.00
79	0.00	124.33	10.00
80	0.00	124.33	10.00
81	0.00	124.33	10.00
82	0.00	124.33	10.00
83	0.00	124.33	10.00
84	0.00	124.33	10.00
85	0.00	124.33	10.00
86	0.00	124.33	10.00

YARMOUTH FERRY TRACK N.S. ... continued

Station	Depth	Latitude	Longitude	Start
7	18.0	43.76	66.27	Dec 24, 1981 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
87	0.00	124.33	10.00
88	0.00	124.33	10.00
89	0.00	124.33	10.00
90	0.00	124.33	10.00
Total	Deg. days (0) for Mar/82 =	0.00	
91	0.00	124.33	10.00
92	0.00	124.33	10.00
93	0.00	124.33	10.00
94	0.00	124.33	10.00
95	0.00	124.33	10.00
96	0.00	124.33	10.00
97	0.00	124.33	10.00
98	0.00	124.33	10.00
99	0.00	124.33	10.00
100	0.00	124.33	10.00
101	0.00	124.33	10.00
102	0.00	124.33	10.00
103	0.00	124.33	10.00
104	0.00	124.33	10.00
105	0.42	124.75	10.00
106	0.50	125.25	10.00
107	0.58	125.83	10.00
108	1.00	126.83	10.00
109	1.00	127.83	10.00
110	1.25	129.08	10.00
111	1.50	130.58	10.00
112	1.50	132.08	10.00
113	1.50	133.58	10.00
114	2.00	135.58	10.00
115	2.00	137.58	10.00
116	2.00	139.58	10.00
117	2.00	141.58	10.00
118	2.00	143.58	10.00
119	2.00	145.58	10.00
120	2.00	147.58	10.00
Total	Deg. days (0) for Apr/82 =	23.25	
121	2.00	149.58	10.00
122	2.50	152.08	10.00
123	2.50	154.58	10.00
124	2.50	157.08	10.00
125	2.75	159.83	10.00
126	3.00	162.83	10.00
127	3.00	165.83	10.00
128	3.00	168.83	10.00
129	3.25	172.08	10.00
130	3.50	175.58	10.00

YARMOUTH FERRY TRACK N.S. ... continued

Station	Depth	Latitude	Longitude	Start
7	18.0	43.76	66.27	Dec 24, 1981 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
131	3.50	179.08	10.00
132	3.50	182.58	10.00
133	3.50	186.08	10.00
134	3.50	189.58	10.00
135	3.58	193.17	10.00
136	4.00	197.17	10.00
137	4.00	201.17	10.00
138	4.00	205.17	10.00
139	4.00	209.17	10.00
140	4.00	213.17	10.00
141	4.00	217.17	10.00
142	4.00	221.17	10.00
143	4.00	225.17	10.00
144	4.00	229.17	10.00

Estimated Deg. days (0) for May/82 = 105.38

ARGYLE SOUND-RANKIN IS. NS

Station	Depth	Latitude	Longitude	Start
9A	7.0	43.74	65.85	Aug 31, 1982 13:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
243	15.25	15.25	11.25
244	15.50	30.75	22.75
245	15.33	46.08	34.08
246	15.00	61.08	45.08
247	15.08	76.17	56.17
248	16.00	92.17	68.17
249	16.00	108.17	80.17
250	16.00	124.17	92.17
251	15.83	140.00	104.00
252	15.17	155.17	115.17
253	15.00	170.17	126.17
254	15.67	185.83	137.83
255	15.92	201.75	149.75
256	16.17	217.92	161.92
257	16.00	233.92	173.92
258	16.00	249.92	185.92
259	16.08	266.00	198.00
260	15.83	281.83	209.83
261	15.33	297.17	221.17
262	15.33	312.50	232.50
263	15.25	327.75	243.75
264	15.08	342.83	254.83
265	15.00	357.83	265.83
266	15.00	372.83	276.83
267	15.00	387.83	287.83
268	15.00	402.83	298.83
269	15.00	417.83	309.83
270	15.00	432.83	320.83
271	15.00	447.83	331.83
272	15.00	462.83	342.83
273	15.00	477.83	353.83

Total Deg. days (0) for Sept/82 = 462.58

274	15.00	492.83	364.83
275	14.83	507.67	375.67
276	14.08	521.75	385.75
277	13.67	535.42	395.42
278	13.83	549.25	405.25
279	13.58	562.83	414.83
280	13.50	576.33	424.33
281	13.25	589.58	433.58
282	12.83	602.42	442.42
283	12.08	614.50	450.50
284	11.58	626.08	458.08
285	11.50	637.58	465.58
286	11.50	649.08	473.08
287	11.50	660.58	480.58
288	11.58	672.17	488.17
289	12.00	684.17	496.17

ARGYLE SOUND-RANKIN IS. NS ... continued

Station	Depth	Latitude	Longitude	Start
9A	7.0	43.74	65.85	Aug 31, 1982 13:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
290	11.67	695.83	503.83
291	11.17	707.00	511.00
292	11.00	718.00	518.00
293	11.08	729.08	525.08
294	11.58	740.67	532.67
295	11.67	752.33	540.33
296	11.17	763.50	547.50
297	10.75	774.25	554.25
298	10.17	784.42	560.42
299	10.00	794.42	566.42
300	10.00	804.42	572.42
301	10.00	814.42	578.42
302	10.00	824.42	584.42
303	10.00	834.42	590.42
304	10.00	844.42	596.42

Total Deg. days (0) for Oct/82 = 366.58

305	10.50	854.92	602.92

ARGYLE SOUND-GLENWOOD NS

Station	Depth	Latitude	Longitude	Start
9B	7.0	43.81	65.88	Aug 29, 1982 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
241	14.67	14.67	10.67
242	14.25	28.92	20.92
243	15.42	44.33	32.33
244	15.00	59.33	43.33
245	15.25	74.58	54.58
246	16.17	90.75	66.75
247	15.92	106.67	78.67
248	15.08	121.75	89.75
249	15.33	137.08	101.08
250	17.08	154.17	114.17
251	17.00	171.17	127.17
252	16.25	187.42	139.42
253	16.00	203.42	151.42
254	17.00	220.42	164.42
255	17.50	237.92	177.92
256	17.92	255.83	191.83
257	17.92	273.75	205.75
258	18.08	291.83	219.83
259	17.92	309.75	233.75
260	17.25	327.00	247.00
261	17.08	344.08	260.08
262	16.67	360.75	272.75
263	16.67	377.42	285.42
264	16.33	393.75	297.75
265	15.67	409.42	309.42
266	15.50	424.92	320.92
267	15.17	440.08	332.08
268	15.25	455.33	343.33
269	15.50	470.83	354.83
270	16.00	486.83	366.83
271	16.00	502.83	378.83
272	16.00	518.83	390.83
273	16.00	534.83	402.83

Total Deg. days (0) for Sept/82 = 490.50

274	16.00	550.83	414.83
275	15.67	566.50	426.50
276	14.25	580.75	436.75
277	14.00	594.75	446.75
278	14.00	608.75	456.75
279	14.00	622.75	466.75
280	13.75	636.50	476.50
281	13.08	649.58	485.58
282	12.33	661.92	493.92
283	11.00	672.92	500.92
284	10.33	683.25	507.25
285	10.50	693.75	513.75
286	10.50	704.25	520.25
287	10.83	715.08	527.08

ARGYLE SOUND-GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9B	7.0	43.81	65.88	Aug 29, 1982 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
288	11.00	726.08	534.08
289	11.00	737.08	541.08
290	10.75	747.83	547.83
291	10.25	758.08	554.08
292	10.33	768.42	560.42
293	10.58	779.00	567.00
294	11.00	790.00	574.00
295	11.42	801.42	581.42
296	10.42	811.83	587.83
297	9.33	821.17	593.17
298	8.67	829.83	597.83
299	8.50	838.33	602.33
300	8.50	846.83	606.83
301	8.50	855.33	611.33
302	9.00	864.33	616.33
303	9.17	873.50	621.50
304	10.00	883.50	627.50
Total	Deg. days (0) for Oct/82 =	348.67	
305	10.08	893.58	633.58
306	10.50	904.08	640.08
307	10.50	914.58	646.58
308	10.58	925.17	653.17
309	11.75	936.92	660.92
310	12.33	949.25	669.25
311	10.92	960.17	676.17
312	9.33	969.50	681.50
313	9.00	978.50	686.50
314	8.42	986.92	690.92
315	7.17	994.08	694.08
316	7.25	1001.33	697.33
317	8.25	1009.58	701.58
318	8.92	1018.50	706.50
319	7.75	1026.25	710.25
320	6.83	1033.08	713.08
321	6.08	1039.17	715.17
322	6.00	1045.17	717.17
323	5.92	1051.08	719.08
324	5.25	1056.33	720.33
325	5.33	1061.67	721.67
326	6.00	1067.67	723.67
327	6.67	1074.33	726.33
328	7.50	1081.83	729.83
329	6.67	1088.50	732.50
330	5.50	1094.00	734.00
331	5.25	1099.25	735.25
332	3.58	1102.83	735.25
333	3.67	1106.50	735.25
334	4.92	1111.42	736.17
Total	Deg. days (0) for Nov/82 =	227.92	

ARGYLE SOUND-GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9B	7.0	43.81	65.88	Aug 29, 1982 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
335	4.58	1116.00	736.75
336	4.75	1120.75	737.50
337	4.58	1125.33	738.08
338	5.08	1130.42	739.17
339	5.67	1136.08	740.83
340	5.83	1141.92	742.67
341	7.00	1148.92	745.67
342	6.33	1155.25	748.00
343	5.25	1160.50	749.25
344	2.67	1163.17	749.25
345	2.08	1165.25	749.25
346	1.92	1167.17	749.25
347	0.08	1167.25	749.25
348	-0.42	1167.25	749.25
349	-0.17	1167.25	749.25
350	0.42	1167.67	749.25
351	2.17	1169.83	749.25
352	1.25	1171.08	749.25
353	0.25	1171.33	749.25
354	0.25	1171.58	749.25
355	0.67	1172.25	749.25
356	1.00	1173.25	749.25
357	0.92	1174.17	749.25
358	0.50	1174.67	749.25
359	0.58	1175.25	749.25
360	1.75	1177.00	749.25
361	2.17	1179.17	749.25
362	2.00	1181.17	749.25
363	3.17	1184.33	749.25
364	3.75	1188.08	749.25
365	3.17	1191.25	749.25

Total Deg. days (0) for Dec/82 = 79.83

1	3.00	1194.25	749.25
2	2.58	1196.83	749.25
3	2.08	1198.92	749.25
4	0.17	1199.25	749.25
5	-0.92	1199.25	749.25
6	-0.58	1199.25	749.25
7	-0.42	1199.25	749.25
8	0.00	1199.25	749.25
9	0.00	1199.25	749.25
10	-0.33	1199.25	749.25
11	0.00	1199.25	749.25

Estimated Deg. days (0) for Jan/83 = 22.55

ARGYLE SOUND - GLENWOOD NS

Station	Depth	Latitude	Longitude	Start
9C	7.0	43.81	65.88	Feb 9, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
40	0.00	0.00	0.00
41	-0.17	0.00	0.00
42	-0.92	0.00	0.00
43	-1.08	0.00	0.00
44	-1.50	0.00	0.00
45	-1.50	0.00	0.00
46	-1.00	0.00	0.00
47	-1.00	0.00	0.00
48	-1.00	0.00	0.00
49	-1.00	0.00	0.00
50	-0.42	0.00	0.00
51	-0.17	0.00	0.00
52	-0.42	0.00	0.00
53	-0.42	0.00	0.00
54	-0.08	0.00	0.00
55	-0.33	0.00	0.00
56	0.00	0.00	0.00
57	-0.33	0.00	0.00
58	-0.42	0.00	0.00
59	0.00	0.00	0.00

Estimated Deg. days (0) for Feb/83 = 0.00

60	0.08	0.08	0.00
61	0.58	0.67	0.00
62	1.00	1.67	0.00
63	1.00	2.67	0.00
64	0.75	3.42	0.00
65	0.75	4.17	0.00
66	1.00	5.17	0.00
67	1.00	6.17	0.00
68	1.00	7.17	0.00
69	1.00	8.17	0.00
70	1.08	9.25	0.00
71	1.67	10.92	0.00
72	2.00	12.92	0.00
73	2.00	14.92	0.00
74	2.08	17.00	0.00
75	2.08	19.08	0.00
76	2.00	21.08	0.00
77	2.08	23.17	0.00
78	2.58	25.75	0.00
79	3.08	28.83	0.00
80	3.67	32.50	0.00
81	4.33	36.83	0.33
82	4.67	41.50	1.00
83	4.17	45.67	1.17
84	3.58	49.25	1.17
85	2.42	51.67	1.17
86	2.00	53.67	1.17

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9C	7.0	43.81	65.88	Feb 9, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
87	2.00	55.67	1.17
88	2.50	58.17	1.17
89	2.17	60.33	1.17
90	2.17	62.50	1.17
Total	Deg. days (0) for Mar/83 =	62.50	
91	2.17	64.67	1.17
92	1.92	66.58	1.17
93	2.00	68.58	1.17
94	2.00	70.58	1.17
95	2.67	73.25	1.17
96	3.08	76.33	1.17
97	3.67	80.00	1.17
98	4.08	84.08	1.25
99	4.33	88.42	1.58
100	4.67	93.08	2.25
101	4.42	97.50	2.67
102	4.83	102.33	3.50
103	5.33	107.67	4.83
104	5.17	112.83	6.00
105	5.08	117.92	7.08
106	5.00	122.92	8.08
107	5.00	127.92	9.08
108	5.25	133.17	10.33
109	5.67	138.83	12.00
110	6.08	144.92	14.08
111	6.00	150.92	16.08
112	6.67	157.58	18.75
113	7.08	164.67	21.83
114	7.50	172.17	25.33
115	7.58	179.75	28.92
116	8.33	188.08	33.25
117	8.50	196.58	37.75
118	8.17	204.75	41.92
119	8.42	213.17	46.33
120	8.83	222.00	51.17
Total	Deg. days (0) for Apr/83 =	159.50	
121	8.92	230.92	56.08
122	9.08	240.00	61.17
123	9.00	249.00	66.17
124	9.00	258.00	71.17
125	9.00	267.00	76.17
126	9.92	276.92	82.08
127	9.83	286.75	87.92
128	9.83	296.58	93.75
129	10.17	306.75	99.92
130	10.33	317.08	106.25

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9C	7.0	43.81	65.88	Feb 9, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
131	10.08	327.17	112.33
132	9.33	336.50	117.67
133	8.67	345.17	122.33
134	8.25	353.42	126.58
135	8.67	362.08	131.25
136	9.00	371.08	136.25
137	9.00	380.08	141.25
138	8.25	388.33	145.50
139	8.67	397.00	150.17
140	9.25	406.25	155.42
141	9.00	415.25	160.42
142	9.42	424.67	165.83
143	10.08	434.75	171.92
144	9.50	444.25	177.42
145	9.00	453.25	182.42
146	8.92	462.17	187.33
147	9.00	471.17	192.33
148	9.08	480.25	197.42
149	9.17	489.42	202.58
150	10.00	499.42	208.58
151	10.00	509.42	214.58

Total Deg. days (0) for May/83 = 287.42

152	10.08	519.50	220.67
153	10.67	530.17	227.33
154	10.42	540.58	233.75
155	11.17	551.75	240.92
156	11.00	562.75	247.92
157	11.33	574.08	255.25
158	11.67	585.75	262.92
159	11.75	597.50	270.67
160	11.67	609.17	278.33
161	11.58	620.75	285.92
162	11.42	632.17	293.33
163	12.08	644.25	301.42
164	12.17	656.42	309.58
165	12.00	668.42	317.58
166	12.08	680.50	325.67
167	12.17	692.67	333.83
168	12.50	705.17	342.33
169	13.17	718.33	351.50
170	13.33	731.67	360.83
171	13.67	745.33	370.50
172	14.33	759.67	380.83
173	14.67	774.33	391.50
174	14.83	789.17	402.33
175	15.33	804.50	413.67
176	15.33	819.83	425.00
177	15.00	834.83	436.00

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9C	7.0	43.81	65.88	Feb 9, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
178	15.00	849.83	447.00
179	15.00	864.83	458.00
180	14.75	879.58	468.75
181	15.25	894.83	480.00
Total	Deg. days (0) for June/83 =	385.42	
182	15.58	910.42	491.58
183	15.75	926.17	503.33
184	15.58	941.75	514.92
185	16.17	957.92	527.08
186	16.17	974.08	539.25
187	16.00	990.08	551.25
188	16.00	1006.08	563.25

PUBNICO POINT NS

Station	Depth	Latitude	Longitude	Start
11	1.0	43.59	65.81	Mar 30, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
89	1.58	1.58	0.00
90	1.42	3.00	0.00
91	1.50	4.50	0.00
92	1.17	5.67	0.00
93	1.50	7.17	0.00
94	1.50	8.67	0.00
95	1.67	10.33	0.00
96	2.08	12.42	0.00
97	2.17	14.58	0.00
98	2.00	16.58	0.00
99	2.17	18.75	0.00
100	2.58	21.33	0.00
101	3.00	24.33	0.00
102	3.00	27.33	0.00
103	3.00	30.33	0.00
104	3.08	33.42	0.00
105	3.08	36.50	0.00
106	3.00	39.50	0.00
107	3.08	42.58	0.00
108	3.25	45.83	0.00
109	3.67	49.50	0.00
110	4.00	53.50	0.00
111	4.00	57.50	0.00
112	4.00	61.50	0.00
113	4.33	65.83	0.33
114	4.58	70.42	0.92
115	4.58	75.00	1.50
116	4.50	79.50	2.00
117	5.00	84.50	3.00
118	5.08	89.58	4.08
119	5.17	94.75	5.25
120	5.17	99.92	6.42

Total Deg. days (0) for Apr/83 = 96.92

121	5.25	105.17	7.67
122	5.67	110.83	9.33
123	6.00	116.83	11.33
124	6.00	122.83	13.33
125	6.00	128.83	15.33
126	6.00	134.83	17.33
127	6.33	141.17	19.67
128	6.08	147.25	21.75
129	6.17	153.42	23.92
130	6.25	159.67	26.17
131	6.17	165.83	28.33
132	6.08	171.92	30.42
133	6.08	178.00	32.50
134	6.08	184.08	34.58
135	6.00	190.08	36.58

PUBNICO POINT NS ... continued

Station	Depth	Latitude	Longitude	Start
11	1.0	43.59	65.81	Mar 30, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
136	6.00	196.08	38.58
137	6.00	202.08	40.58
138	6.17	208.25	42.75
139	6.75	215.00	45.50
140	7.00	222.00	48.50
141	7.00	229.00	51.50
142	7.00	236.00	54.50
143	7.00	243.00	57.50
144	7.00	250.00	60.50
145	7.00	257.00	63.50
146	7.00	264.00	66.50
147	7.00	271.00	69.50
148	6.92	277.92	72.42
149	7.08	285.00	75.50
150	7.25	292.25	78.75
151	7.25	299.50	82.00
Total	Deg. days (0) for May/83 =	199.58	
152	7.58	307.08	85.58
153	7.67	314.75	89.25
154	7.67	322.42	92.92
155	8.00	330.42	96.92
156	8.00	338.42	100.92
157	8.08	346.50	105.00
158	8.17	354.67	109.17
159	8.00	362.67	113.17
160	8.00	370.67	117.17

CAPE SABLE NS

Station	Depth	Latitude	Longitude	Start
14A	24.0	43.36	65.63	Dec 10, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
344	5.50	5.50	1.50
345	5.50	11.00	3.00
346	5.25	16.25	4.25
347	5.00	21.25	5.25
348	4.50	25.75	5.75
349	4.50	30.25	6.25
350	4.33	34.58	6.58
351	4.00	38.58	6.58
352	4.00	42.58	6.58
353	4.50	47.08	7.08
354	4.50	51.58	7.58
355	4.42	56.00	8.00
356	4.00	60.00	8.00
357	4.00	64.00	8.00
358	3.75	67.75	8.00
359	3.50	71.25	8.00
360	3.92	75.17	8.00
361	4.50	79.67	8.50
362	4.50	84.17	9.00
363	4.50	88.67	9.50
364	4.50	93.17	10.00
365	4.50	97.67	10.50

Estimated Deg. days (0) for Dec/82 = 137.62

1	4.50	102.17	11.00
2	4.50	106.67	11.50
3	4.50	111.17	12.00
4	4.17	115.33	12.17
5	4.00	119.33	12.17
6	4.00	123.33	12.17
7	4.00	127.33	12.17
8	3.83	131.17	12.17
9	3.50	134.67	12.17
10	3.25	137.92	12.17
11	3.00	140.92	12.17
12	3.42	144.33	12.17
13	3.50	147.83	12.17
14	4.00	151.83	12.17
15	4.00	155.83	12.17
16	4.00	159.83	12.17
17	3.83	163.67	12.17
18	3.50	167.17	12.17
19	3.17	170.33	12.17
20	2.67	173.00	12.17
21	2.17	175.17	12.17
22	2.00	177.17	12.17
23	2.00	179.17	12.17
24	2.00	181.17	12.17
25	2.00	183.17	12.17

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
14A	24.0	43.36	65.63	Dec 10, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
26	2.00	185.17	12.17
27	2.08	187.25	12.17
28	2.25	189.50	12.17
29	2.00	191.50	12.17
30	2.50	194.00	12.17
31	2.50	196.50	12.17
Total	Deg. days (0) for Jan/83 =	98.83	
32	2.50	199.00	12.17
33	2.50	201.50	12.17
34	2.50	204.00	12.17
35	2.50	206.50	12.17
36	2.50	209.00	12.17
37	2.50	211.50	12.17
38	2.25	213.75	12.17
39	2.00	215.75	12.17
40	2.00	217.75	12.17
41	2.00	219.75	12.17
42	1.83	221.58	12.17
43	1.33	222.92	12.17
44	1.00	223.92	12.17
45	1.00	224.92	12.17
46	1.00	225.92	12.17
47	1.00	226.92	12.17
48	1.00	227.92	12.17
49	1.00	228.92	12.17
50	1.00	229.92	12.17
51	1.50	231.42	12.17
52	1.50	232.92	12.17
53	1.50	234.42	12.17
54	1.50	235.92	12.17
55	1.50	237.42	12.17
56	1.50	238.92	12.17
57	1.50	240.42	12.17
58	1.08	241.50	12.17
59	1.00	242.50	12.17
Total	Deg. days (0) for Feb/83 =	46.00	
60	1.00	243.50	12.17
61	1.50	245.00	12.17
62	1.50	246.50	12.17
63	1.50	248.00	12.17
64	1.50	249.50	12.17
65	1.50	251.00	12.17
66	1.50	252.50	12.17
67	1.50	254.00	12.17
68	1.25	255.25	12.17
69	1.00	256.25	12.17

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
14A	24.0	43.36	65.63	Dec 10, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
70	1.00	257.25	12.17
71	1.50	258.75	12.17
72	1.50	260.25	12.17
73	1.50	261.75	12.17
74	1.08	262.83	12.17
75	1.08	263.92	12.17
76	1.50	265.42	12.17
77	1.50	266.92	12.17
78	1.50	268.42	12.17
79	1.50	269.92	12.17
80	1.50	271.42	12.17
81	2.00	273.42	12.17
82	2.00	275.42	12.17
83	1.83	277.25	12.17
84	1.50	278.75	12.17
85	1.33	280.08	12.17
86	1.00	281.08	12.17
87	1.25	282.33	12.17
88	1.50	283.83	12.17
89	1.50	285.33	12.17
90	1.50	286.83	12.17

Total Deg. days (0) for Mar/83 = 44.33

91	1.50	288.33	12.17
92	1.50	289.83	12.17
93	1.50	291.33	12.17
94	1.50	292.83	12.17
95	1.50	294.33	12.17
96	1.50	295.83	12.17
97	1.75	297.58	12.17
98	2.00	299.58	12.17
99	2.00	301.58	12.17
100	2.17	303.75	12.17
101	2.50	306.25	12.17
102	2.67	308.92	12.17
103	3.00	311.92	12.17
104	3.00	314.92	12.17
105	3.00	317.92	12.17
106	2.75	320.67	12.17
107	2.50	323.17	12.17
108	2.92	326.08	12.17
109	3.00	329.08	12.17
110	3.00	332.08	12.17
111	3.00	335.08	12.17
112	3.00	338.08	12.17
113	3.00	341.08	12.17
114	3.17	344.25	12.17
115	4.00	348.25	12.17
116	3.42	351.67	12.17

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
14 A	24.0	43.36	65.63	Dec 10, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
117	3.00	354.67	12.17
118	3.00	357.67	12.17
119	3.00	360.67	12.17
120	3.00	363.67	12.17
Total	Deg. days (0) for Apr/83 =	76.83	
121	3.42	367.08	12.17
122	3.50	370.58	12.17
123	3.50	374.08	12.17
124	3.75	377.83	12.17
125	3.50	381.33	12.17
126	3.50	384.83	12.17
127	3.50	388.33	12.17
128	3.50	391.83	12.17
129	3.75	395.58	12.17
130	4.00	399.58	12.17
131	4.00	403.58	12.17
132	4.00	407.58	12.17
133	4.67	412.25	12.83
134	5.00	417.25	13.83
135	5.00	422.25	14.83
136	5.00	427.25	15.83
137	5.50	432.75	17.33
138	5.50	438.25	18.83
139	5.50	443.75	20.33
140	6.00	449.75	22.33
141	6.50	456.25	24.83
Estimated	Deg. days (0) for May/83 =	136.67	

CAPE SABLE NS

Station	Depth	Latitude	Longitude	Start
148	24.0	43.36	65.63	May 21, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
141	7.00	7.00	3.00
142	6.25	13.25	5.25
143	6.17	19.42	7.42
144	6.42	25.83	9.83
145	6.00	31.83	11.83
146	6.00	37.83	13.83
147	6.25	44.08	16.08
148	6.58	50.67	18.67
149	6.50	57.17	21.17
150	6.50	63.67	23.67
151	6.92	70.58	26.58
Estimated	Deg. days (0) for May/83 =	198.92	
152	7.00	77.58	29.58
153	7.00	84.58	32.58
154	7.00	91.58	35.58
155	7.00	98.58	38.58
156	7.00	105.58	41.58
157	7.00	112.58	44.58
158	7.00	119.58	47.58
159	7.00	126.58	50.58
160	6.42	133.00	53.00
161	6.00	139.00	55.00
162	6.00	145.00	57.00
163	6.00	151.00	59.00
164	6.25	157.25	61.25
165	6.50	163.75	63.75
166	6.50	170.25	66.25
167	6.92	177.17	69.17
168	7.00	184.17	72.17
169	7.00	191.17	75.17
170	7.00	198.17	78.17
171	7.00	205.17	81.17
172	7.00	212.17	84.17
173	7.00	219.17	87.17
174	7.50	226.67	90.67
175	7.17	233.83	93.83
176	7.00	240.83	96.83
177	7.33	248.17	100.17
178	7.92	256.08	104.08
179	9.00	265.08	109.08
180	8.83	273.92	113.92
181	8.50	282.42	118.42
Total	Deg. days (0) for June/83 =	211.83	
182	8.50	290.92	122.92
183	8.75	299.67	127.67
184	8.83	308.50	132.50

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
148	24.0	43.36	65.63	May 21, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
185	7.67	316.17	136.17
186	7.00	323.17	139.17
187	7.00	330.17	142.17
188	7.00	337.17	145.17
189	7.00	344.17	148.17
190	7.00	351.17	151.17
191	7.00	358.17	154.17
192	7.00	365.17	157.17
193	7.00	372.17	160.17
194	7.00	379.17	163.17
195	6.83	386.00	166.00
196	6.50	392.50	168.50
197	6.58	399.08	171.08
198	7.00	406.08	174.08
199	7.00	413.08	177.08
200	7.00	420.08	180.08
201	7.00	427.08	183.08
202	7.00	434.08	186.08
203	7.33	441.42	189.42
204	7.50	448.92	192.92
205	7.83	456.75	196.75
206	8.17	464.92	200.92
207	8.83	473.75	205.75
208	9.08	482.83	210.83
209	9.92	492.75	216.75
210	10.42	503.17	223.17
211	11.00	514.17	230.17
212	9.92	524.08	236.08

Total Deg. days (0) for July/83 = 241.67

213	9.00	533.08	241.08
214	9.00	542.08	246.08
215	8.83	550.92	250.92
216	8.08	559.00	255.00
217	8.00	567.00	259.00
218	8.00	575.00	263.00
219	8.25	583.25	267.25
220	8.08	591.33	271.33
221	8.00	599.33	275.33
222	8.25	607.58	279.58
223	9.00	616.58	284.58
224	9.58	626.17	290.17
225	12.50	638.67	298.67
226	13.25	651.92	307.92
227	14.08	666.00	318.00
228	14.50	680.50	328.50
229	14.58	695.08	339.08
230	13.08	708.17	348.17
231	11.58	719.75	355.75

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
148	24.0	43.36	65.63	May 21, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
232	12.42	732.17	364.17
233	13.00	745.17	373.17

Estimated Deg. days (0) for Aug/83 = 326.36

CROWELL BASIN NS

Station	Depth	Latitude	Longitude	Start
15A	220.0	42.60	66.83	Dec 15, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
349	7.00	7.00	3.00
350	7.00	14.00	6.00
351	7.00	21.00	9.00
352	7.00	28.00	12.00
353	7.00	35.00	15.00
354	7.00	42.00	18.00
355	7.00	49.00	21.00
356	7.00	56.00	24.00
357	7.00	63.00	27.00
358	7.00	70.00	30.00
359	7.00	77.00	33.00
360	7.00	84.00	36.00
361	7.00	91.00	39.00
362	7.00	98.00	42.00
363	7.00	105.00	45.00
364	7.00	112.00	48.00
365	7.00	119.00	51.00

Estimated Deg. days (0) for Dec/82 = 217.00

1	7.00	126.00	54.00
2	7.00	133.00	57.00
3	7.00	140.00	60.00
4	7.00	147.00	63.00
5	7.00	154.00	66.00
6	7.00	161.00	69.00
7	7.00	168.00	72.00
8	7.00	175.00	75.00
9	7.00	182.00	78.00
10	7.00	189.00	81.00
11	7.00	196.00	84.00
12	7.00	203.00	87.00
13	7.00	210.00	90.00
14	7.00	217.00	93.00
15	7.00	224.00	96.00
16	7.00	231.00	99.00
17	7.00	238.00	102.00
18	7.00	245.00	105.00
19	7.00	252.00	108.00
20	7.00	259.00	111.00
21	7.00	266.00	114.00
22	6.50	272.50	116.50
23	6.50	279.00	119.00
24	6.50	285.50	121.50
25	6.50	292.00	124.00
26	6.50	298.50	126.50
27	6.50	305.00	129.00
28	6.50	311.50	131.50
29	6.50	318.00	134.00
30	6.50	324.50	136.50

CROWELL BASIN NS ... continued

Station	Depth	Latitude	Longitude	Start
15A	220.0	42.60	66.83	Dec 15, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
31	6.50	331.00	139.00
Total	Deg. days (0) for Jan/83 =	212.00	
32	6.50	337.50	141.50
33	6.50	344.00	144.00
34	6.50	350.50	146.50
35	6.50	357.00	149.00
36	6.50	363.50	151.50
37	6.50	370.00	154.00
38	6.50	376.50	156.50
39	6.50	383.00	159.00
40	6.50	389.50	161.50
41	6.50	396.00	164.00
42	6.50	402.50	166.50
43	6.50	409.00	169.00
44	6.50	415.50	171.50
45	6.50	422.00	174.00
46	6.50	428.50	176.50
47	6.50	435.00	179.00
48	6.50	441.50	181.50
49	6.50	448.00	184.00
50	6.50	454.50	186.50
51	6.50	461.00	189.00
52	6.50	467.50	191.50
53	6.50	474.00	194.00
Estimated	Deg. days (0) for Feb/83 =	182.00	

S W BROWNS BANK NS

Station	Depth	Latitude	Longitude	Start
16A	192.0	42.72	66.68	Dec 9, 1982 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
343	8.00	8.00	4.00
344	8.00	16.00	8.00
345	8.00	24.00	12.00
346	8.00	32.00	16.00
347	8.00	40.00	20.00
348	7.67	47.67	23.67
349	7.17	54.83	26.83
350	7.92	62.75	30.75
351	8.00	70.75	34.75
352	8.33	79.08	39.08
353	8.33	87.42	43.42
354	8.00	95.42	47.42
355	7.67	103.08	51.08
356	7.50	110.58	54.58
357	8.00	118.58	58.58
358	8.00	126.58	62.58
359	8.00	134.58	66.58
360	8.00	142.58	70.58
361	8.00	150.58	74.58
362	8.00	158.58	78.58
363	8.00	166.58	82.58
364	8.00	174.58	86.58
365	8.00	182.58	90.58

Estimated Deg. days (0) for Dec/82 = 246.09

S W BROWNS BANK NS

Station	Depth	Latitude	Longitude	Start
16B	219.0	42.67	66.83	Apr 28, 1983 12:30 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
118	7.00	7.00	3.00
119	7.83	14.83	6.83
120	8.00	22.83	10.83
121	7.92	30.75	14.75
122	7.83	38.58	18.58
123	8.00	46.58	22.58
124	8.67	55.25	27.25
125	9.00	64.25	32.25
126	9.00	73.25	37.25
127	8.00	81.25	41.25
128	8.17	89.42	45.42
129	8.58	98.00	50.00
130	6.83	104.83	52.83
131	6.58	111.42	55.42
132	6.00	117.42	57.42
133		* NO DATA *	
134	7.00	124.42	60.42
135	7.00	131.42	63.42
136	7.33	138.75	66.75
137	7.50	146.25	70.25
138	7.50	153.75	73.75
139	7.83	161.58	77.58
140	8.00	169.58	81.58
141	8.00	177.58	85.58
142	8.25	185.83	89.83
143	8.50	194.33	94.33
144	8.00	202.33	98.33
145	8.00	210.33	102.33
146	8.00	218.33	106.33
147	8.00	226.33	110.33
148	8.00	234.33	114.33
149	8.00	242.33	118.33
150	7.92	250.25	122.25
151	7.50	257.75	125.75

Estimated Deg. days (0) for May/83 = 242.75

152	7.50	265.25	129.25
153	7.50	272.75	132.75
154	7.50	280.25	136.25
155	7.08	287.33	139.33
156	7.00	294.33	142.33
157	7.42	301.75	145.75
158	7.50	309.25	149.25
159	7.00	316.25	152.25
160	7.50	323.75	155.75
161	7.50	331.25	159.25
162	7.67	338.92	162.92
163	7.83	346.75	166.75
164	7.92	354.67	170.67

S W BROWNS BANK NS ... continued

Station	Depth	Latitude	Longitude	Start
16B	219.0	42.67	66.83	Apr 28, 1983 12:30 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
165	8.00	362.67	174.67
166	8.00	370.67	178.67
167	8.00	378.67	182.67
168	8.00	386.67	186.67
169	8.00	394.67	190.67
170	8.00	402.67	194.67
171	8.25	410.92	198.92
172	8.00	418.92	202.92
173	8.00	426.92	206.92
174	8.00	434.92	210.92
175		* NO DATA *	
176		* NO DATA *	
177		* NO DATA *	
178		* NO DATA *	
179		* NO DATA *	
180		* NO DATA *	
181		* NO DATA *	

Estimated Deg. days (0) for June/83 = 231.09

182		* NO DATA *	
183		* NO DATA *	
184		* NO DATA *	
185		* NO DATA *	
186		* NO DATA *	
187		* NO DATA *	
188		* NO DATA *	
189	8.50	443.42	215.42
190	8.50	451.92	219.92
191	8.25	460.17	224.17
192	8.83	469.00	229.00
193	8.00	477.00	233.00
194	7.42	484.42	236.42
195	7.08	491.50	239.50
196	7.50	499.00	243.00
197	7.75	506.75	246.75
198	7.42	514.17	250.17
199	8.00	522.17	254.17
200	8.00	530.17	258.17
201	8.00	538.17	262.17
202	8.33	546.50	266.50
203	8.50	555.00	271.00

Estimated Deg. days (0) for July/83 = 248.17

S W BROWNS BANK NS

Station	Depth	Latitude	Longitude	Start
16C	173.0	42.58	66.93	Aug 11, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
223	7.75	7.75	3.75
224	7.08	14.83	6.83
225	7.00	21.83	9.83
226	7.00	28.83	12.83
227	7.00	35.83	15.83
228	7.08	42.92	18.92
229	7.50	50.42	22.42
230	7.92	58.33	26.33
231	7.92	66.25	30.25
232	7.50	73.75	33.75
233	7.50	81.25	37.25
234	7.08	88.33	40.33
235	7.00	95.33	43.33

Estimated Deg. days (0) for Aug/83 = 227.33

S W BROWNS BANK NS

Station	Depth	Latitude	Longitude	Start
16D	174.0	42.67	66.87	Aug 22, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
234	9.00	9.00	5.00
235	9.00	18.00	10.00
236	9.00	27.00	15.00
237	9.00	36.00	20.00
238	9.00	45.00	25.00
239	9.00	54.00	30.00
240	9.00	63.00	35.00
241	9.00	72.00	40.00
242	8.92	80.92	44.92
243	8.50	89.42	49.42

Estimated Deg. days (0) for Aug/83 = 277.19

244	8.50	97.92	53.92
245	8.50	106.42	58.42
246	8.00	114.42	62.42
247	8.00	122.42	66.42
248	8.00	130.42	70.42
249	8.25	138.67	74.67
250	8.00	146.67	78.67
251	8.83	155.50	83.50
252	8.83	164.33	88.33
253	8.25	172.58	92.58

Estimated Deg. days (0) for Sept/83 = 249.50

S E BROWNS BANK NS

Station	Depth	Latitude	Longitude	Start
17A	274.0	42.17	65.58	Apr 6, 1983 08:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
96	7.63	7.63	3.63
97	7.33	14.96	6.96
98	7.00	21.96	9.96
99	7.00	28.96	12.96
100	7.08	36.04	16.04
101	7.67	43.71	19.71
102	6.83	50.54	22.54
103	6.17	56.71	24.71

S E BROWNS BANK NS

Station	Depth	Latitude	Longitude	Start
17B	293.0	42.17	65.33	May 24, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
144	8.00	8.00	4.00
145	8.92	16.92	8.92
146	8.75	25.67	13.67
147	8.83	34.50	18.50
148	8.42	42.92	22.92
149	8.33	51.25	27.25
150	8.17	59.42	31.42
151	8.00	67.42	35.42
152	8.17	75.58	39.58
153	8.00	83.58	43.58
154	7.92	91 50	47.50
155	8.00	99.50	51.50
156	8.00	107.50	55.50
157	8.08	115.58	59.58
158	8.17	123.75	63.75
159	8.17	131.92	67.92
160	8.17	140.08	72.08
161	8.00	148.08	76.08
162	8.00	156.08	80.08
163	8.25	164.33	84.33
164	8.17	172.50	88.50
165	8.08	180.58	92.58
166	8.08	188.67	96.67
167	8.00	196.67	100.67
168	8.33	205.00	105.00
169	8.00	213.00	109.00
170	7.67	220.67	112.67
171	7.80	228.47	116.47

Estimated Deg. days (0) for June/83 = 241.58

PORT LATOUR NS

Station	Depth	Latitude	Longitude	Start
18	21.0	43.49	65.43	Mar 18, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
77	0.50	0.50	0.00
78	0.50	1.00	0.00
79	0.50	1.50	0.00
80	0.33	1.83	0.00
81	0.25	2.08	0.00
82	0.25	2.33	0.00
83	0.08	2.42	0.00
84	0.50	2.92	0.00
85	0.50	3.42	0.00
86	0.25	3.67	0.00
87	0.00	3.67	0.00
88	0.42	4.08	0.00
89	0.50	4.58	0.00
90	0.50	5.08	0.00

Estimated Deg. days (0) for Mar/83 = 11.26

91	0.92	6.00	0.00
92	1.00	7.00	0.00
93	1.00	8.00	0.00
94	1.00	9.00	0.00
95	1.00	10.00	0.00
96	1.00	11.00	0.00
97	1.00	12.00	0.00
98	1.00	13.00	0.00
99	1.00	14.00	0.00
100	1.00	15.00	0.00
101	1.83	16.83	0.00
102	1.58	18.42	0.00
103	1.00	19.42	0.00
104	1.00	20.42	0.00
105	1.00	21.42	0.00
106	1.00	22.42	0.00
107	1.00	23.42	0.00
108	1.33	24.75	0.00
109	1.00	25.75	0.00
110	1.75	27.50	0.00
111	1.50	29.00	0.00
112	1.08	30.08	0.00
113	1.17	31.25	0.00
114	1.00	32.25	0.00
115	1.67	33.92	0.00
116	2.00	35.92	0.00
117	2.00	37.92	0.00
118	1.58	39.50	0.00
119	1.00	40.50	0.00
120	1.00	41.50	0.00

Total Deg. days (0) for Apr/83 = 36.42

PORT LATOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
18	21.0	43.49	65.43	Mar 18, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
121	1.42	42.92	0.00
122	1.50	44.42	0.00
123	1.50	45.92	0.00
124	1.50	47.42	0.00
125	1.50	48.92	0.00
126	2.00	50.92	0.00
127	2.00	52.92	0.00
128	2.08	55.00	0.00
129	2.00	57.00	0.00
130	2.42	59.42	0.00
131	3.08	62.50	0.00
132	3.00	65.50	0.00
133	3.08	68.58	0.00
134	3.83	72.42	0.00
135	4.00	76.42	0.00
136	4.00	80.42	0.00
137	4.00	84.42	0.00
138	4.00	88.42	0.00
139	4.00	92.42	0.00
140	4.00	96.42	0.00
141	3.58	100.00	0.00
142	3.58	103.58	0.00
143	4.33	107.92	0.33
144	4.58	112.50	0.92
145	5.00	117.50	1.92
146	4.50	122.00	2.42
147	4.17	126.17	2.58
148	5.00	131.17	3.58
149	5.00	136.17	4.58
150	5.00	141.17	5.58
151	5.00	146.17	6.58

Total Deg. days (0) for May/83 = 104.67

152	5.00	151.17	7.58
153	5.00	156.17	8.58
154	5.00	161.17	9.58
155	5.00	166.17	10.58
156	4.17	170.33	10.75
157	4.00	174.33	10.75
158	4.25	178.58	11.00
159	4.00	182.58	11.00
160	4.00	186.58	11.00
161	4.25	190.83	11.25
162	4.25	195.08	11.50
163	3.67	198.75	11.50
164	4.58	203.33	12.08
165	4.83	208.17	12.92
166	4.83	213.00	13.75
167	5.50	218.50	15.25

PORT LATOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
18	21.0	43.49	65.43	Mar 18, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
168	5.17	223.67	16.42
169	5.00	228.67	17.42
170	5.50	234.17	18.92
171	5.50	239.67	20.42
172	6.08	245.75	22.50
173	5.00	250.75	23.50
174	5.00	255.75	24.50
175	5.00	260.75	25.50
176	6.00	266.75	27.50
177	6.42	273.17	29.92
178	6.00	279.17	31.92
179	5.75	284.92	33.67
180	6.33	291.25	36.00
181	6.33	297.58	38.33

Total Deg. days (0) for June/83 = 151.42

182	5.58	303.17	39.92
183	4.17	307.33	40.08
184	4.17	311.50	40.25
185	4.67	316.17	40.92
186	5.00	321.17	41.92
187	5.00	326.17	42.92
188	4.67	330.83	43.58
189	5.17	336.00	44.75
190	4.58	340.58	45.33
191	4.17	344.75	45.50
192	4.67	349.42	46.17
193	4.25	353.67	46.42
194	4.92	358.58	47.33
195	4.92	363.50	48.25
196	5.00	368.50	49.25
197	5.08	373.58	50.33
198	5.25	378.83	51.58
199	5.00	383.83	52.58
200	5.08	388.92	53.67
201	5.42	394.33	55.08
202	5.17	399.50	56.25
203	5.83	405.33	58.08
204	6.00	411.33	60.08
205	7.00	418.33	63.08
206	7.58	425.92	66.67
207	7.83	433.75	70.50
208	7.75	441.50	74.25
209	8.83	450.33	79.08
210	6.92	457.25	82.00
211	5.75	463.00	83.75
212	6.08	469.08	85.83

Total Deg. days (0) for July/83 = 171.50

PORT LATOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
18	21.0	43.49	65.43	Mar 18, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
213	6.50	475.58	88.33
214	5.33	480.92	89.67
215	4.58	485.50	90.25
216	5.00	490.50	91.25
217	6.00	496.50	93.25
218	6.00	502.50	95.25
219	5.67	508.17	96.92
220	6.42	514.58	99.33
221	6.00	520.58	101.33
222	6.17	526.75	103.50
223	6.75	533.50	106.25
224	9.08	542.58	111.33
225	12.67	555.25	120.00
226	14.00	569.25	130.00
227	13.17	582.42	139.17
228	13.08	595.50	148.25
229	13.17	608.67	157.42
230	12.00	620.67	165.42
231	10.92	631.58	172.33
232	9.50	641.08	177.83
233	9.67	650.75	183.50
234	9.00	659.75	188.50
235	10.17	669.92	194.67
236	9.17	679.08	199.83
237	9.00	688.08	204.83

Estimated Deg. days (0) for Aug/83 = 271.56

INGOMAR NS

Station	Depth	Latitude	Longitude	Start
19	40.0	43.53	65.31	Apr 26, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
116	5.00	5.00	1.00
117	4.08	9.08	1.08
118	4.33	13.42	1.42
119	4.92	18.33	2.33
120	3.75	22.08	2.50
121	3.08	25.17	2.50
122	3.00	28.17	2.50
123	2.83	31.00	2.50
124	2.33	33.33	2.50
125	2.67	36.00	2.67
126	3.42	39.42	2.67
127	4.83	44.25	3.50
128	5.83	50.08	5.33
129	4.83	54.92	6.17
130	4.08	59.00	6.50
131	4.75	63.75	7.25
132	5.00	68.75	8.25
133	4.17	72.92	8.42
134	4.00	76.92	8.42
135	5.42	82.33	9.83
136	5.08	87.42	10.92
137	5.08	92.50	12.00
138	4.75	97.25	12.75
139	5.00	102.25	13.75
140	5.00	107.25	14.75
141	5.17	112.42	15.92
142	5.42	117.83	17.33
143	6.50	124.33	19.83
144	5.08	129.42	20.92
145	5.08	134.50	22.00
146	5.92	140.42	23.92
147	6.25	146.67	26.17
148	5.17	151.83	27.33
149	6.00	157.83	29.33
150	6.00	163.83	31.33
151	6.00	169.83	33.33

Total Deg. days (0) for May/83 = 147.75

152	6.00	175.83	35.33
153	7.00	182.83	38.33
154	7.58	190.42	41.92
155	6.17	196.58	44.08
156	5.75	202.33	45.83
157	6.50	208.83	48.33
158	6.33	215.17	50.67
159	6.50	221.67	53.17
160	6.58	228.25	55.75
161	6.92	235.17	58.67
162	7.17	242.33	61.83

INGOMAR NS ... continued

Station	Depth	Latitude	Longitude	Start
19	40.0	43.53	65.31	Apr 26, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
163	6.67	249.00	64.50
164	6.17	255.17	66.67
165	7.25	262.42	69.92
166	7.67	270.08	73.58
167	6.92	277.00	76.50
168	7.08	284.08	79.58
169	7.92	292.00	83.50
170	8.58	300.58	88.08
171	9.17	309.75	93.25
172	11.00	320.75	100.25
173	10.75	331.50	107.00
174	11.33	342.83	114.33
175	10.83	353.67	121.17
176	10.75	364.42	127.92
177	10.92	375.33	134.83
178	9.58	384.92	140.42
179	9.25	394.17	145.67
180	10.17	404.33	151.83
181	10.67	415.00	158.50
Total	Deg. days (0) for June/83 =	245.17	
182	10.17	425.17	164.67
183	7.08	432.25	167.75
184	6.83	439.08	170.58
185	8.00	447.08	174.58
186	8.92	456.00	179.50
187	8.17	464.17	183.67
188	7.33	471.50	187.00
189	8.08	479.58	191.08
190	6.92	486.50	194.00
191	6.50	493.00	196.50
192	7.33	500.33	199.83
193	7.33	507.67	203.17
194	7.58	515.25	206.75
195	8.00	523.25	210.75
196	8.42	531.67	215.17
197	8.83	540.50	220.00
198	9.00	549.50	225.00
199	9.00	558.50	230.00
200	8.83	567.33	234.83
201	8.83	576.17	239.67
202	8.08	584.25	243.75
203	9.00	593.25	248.75
204	9.08	602.33	253.83
205	9.08	611.42	258.92
206	9.33	620.75	264.25
207	10.67	631.42	270.92
208	11.50	642.92	278.42
209	12.42	655.33	286.83

INGOMAR NS ... continued

Station	Depth	Latitude	Longitude	Start
19	40.0	43.53	65.31	Apr 26, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
210	11.33	666.67	294.17
211	10.17	676.83	300.33
212	10.42	687.25	306.75
Total	Deg. days (0) for July/83 =	272.25	
213	12.08	699.33	314.83
214	10.83	710.17	321.67
215	9.33	719.50	327.00
216	9.67	729.17	332.67
217	9.17	738.33	337.83
218	9.83	748.17	343.67
219	11.25	759.42	350.92
220	11.92	771.33	358.83
221	10.08	781.42	364.92
222	10.08	791.50	371.00
223	10.58	802.08	377.58
224	10.50	812.58	384.08
225	11.50	824.08	391.58
226	13.92	838.00	401.50
227	14.50	852.50	412.00
228	14.50	867.00	422.50
229	14.50	881.50	433.00
230	14.58	896.08	443.58
231	15.00	911.08	454.58
232	15.00	926.08	465.58
233	14.08	940.17	475.67
234	12.92	953.08	484.58
235	13.33	966.42	493.92
236	13.92	980.33	503.83
237	14.33	994.67	514.17
238	14.50	1009.17	524.67
239	12.33	1021.50	533.00
240	10.83	1032.33	539.83
241	12.67	1045.00	548.50
242	14.08	1059.08	558.58
243	14.25	1073.33	568.83
Total	Deg. days (0) for Aug/83 =	386.08	
244	13.75	1087.08	578.58
245	14.50	1101.58	589.08
246	13.83	1115.42	598.92
247	14.33	1129.75	609.25
248	14.75	1144.50	620.00
249	14.83	1159.33	630.83
250	14.50	1173.83	641.33
251	13.83	1187.67	651.17
252	12.67	1200.33	659.83
253	10.92	1211.25	666.75

INGOMAR NS ... continued

Station	Depth	Latitude	Longitude	Start
19	40.0	43.53	65.31	Apr 26, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
254	10.33	1221.58	673.08
255	10.33	1231.92	679.42
256	11.17	1243.08	686.58
257	11.42	1254.50	694.00
258	11.50	1266.00	701.50
259	12.75	1278.75	710.25
260	13.58	1292.33	719.83
261	14.33	1306.67	730.17
262	15.17	1321.83	741.33
263	15.00	1336.83	752.33
264	15.00	1351.83	763.33
265	15.00	1366.83	774.33
266	14.33	1381.17	784.67
267	14.67	1395.83	795.33
268	14.58	1410.42	805.92
269	14.75	1425.17	816.67

Estimated Deg. days (0) for Sept/83 = 405.96

LOCKEPORT NS

Station	Depth	Latitude	Longitude	Start
20A	17.0	43.64	65.12	Oct 28, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
301	10.00	10.00	6.00
302	10.00	20.00	12.00
303	10.00	30.00	18.00
304	10.33	40.33	24.33
305	10.50	50.83	30.83
306	10.50	61.33	37.33
307	10.50	71.83	43.83
308	10.50	82.33	50.33
309	11.00	93.33	57.33
310	11.00	104.33	64.33
311	10.58	114.92	70.92
312	9.75	124.67	76.67
313	8.92	133.58	81.58
314	8.08	141.67	85.67
315	8.00	149.67	89.67
316	8.00	157.67	93.67
317	8.00	165.67	97.67
318	7.08	172.75	100.75
319	6.50	179.25	103.25
320	6.42	185.67	105.67
321	6.00	191.67	107.67
322	6.00	197.67	109.67
323	6.00	203.67	111.67
324	6.33	210.00	114.00
325	7.25	217.25	117.25
326	7.50	224.75	120.75
327	7.50	232.25	124.25
328	7.92	240.17	128.17
329	8.00	248.17	132.17
330	7.67	255.83	135.83
331	7.42	263.25	139.25
332	7.00	270.25	142.25
333	6.50	276.75	144.75
334	6.50	283.25	147.25

Total Deg. days (0) for Nov/82 = 242.92

335	6.50	289.75	149.75
336	6.00	295.75	151.75
337	6.00	301.75	153.75
338	6.00	307.75	155.75
339	6.00	313.75	157.75
340	6.00	319.75	159.75
341	6.50	326.25	162.25
342	6.50	332.75	164.75
343	6.50	339.25	167.25
344	5.92	345.17	169.17
345	5.50	350.67	170.67
346	5.50	356.17	172.17
347	4.50	360.67	172.67

LOCKEPORT NS ... continued

Station	Depth	Latitude	Longitude	Start
20A	17.0	43.64	65.12	Oct 28, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
348	3.83	364.50	172.67
349	3.50	368.00	172.67
350	3.50	371.50	172.67
351	3.75	375.25	172.75
352	4.00	379.25	172.75
353	4.00	383.25	172.75
354	3.00	386.25	172.75
355	3.33	389.58	172.75
356	3.50	393.08	172.75
357	3.50	396.58	172.75
358	3.25	399.83	172.75
359	3.17	403.00	172.75
360	3.50	406.50	172.75
361	3.50	410.00	172.75
362	3.50	413.50	172.75
363	3.83	417.33	172.75
364	4.00	421.33	172.75
365	4.00	425.33	172.75
Total	Deg. days (0) for Dec/82 =	142.08	
1	4.00	429.33	172.75
2	4.00	433.33	172.75
3	4.00	437.33	172.75
4	3.75	441.08	172.75
5	3.17	444.25	172.75
6	3.42	447.67	172.75
7	3.00	450.67	172.75
8	3.00	453.67	172.75
9	3.50	457.17	172.75
10	3.08	460.25	172.75
11	2.83	463.08	172.75
12	3.42	466.50	172.75
13	3.50	470.00	172.75
14	3.50	473.50	172.75
15	3.42	476.92	172.75
16	3.00	479.92	172.75
17	3.00	482.92	172.75
18	3.00	485.92	172.75
19	2.83	488.75	172.75
20	2.25	491.00	172.75
21	1.50	492.50	172.75
22	1.08	493.58	172.75
23	1.00	494.58	172.75
24	1.00	495.58	172.75
25	1.50	497.08	172.75
26	1.50	498.58	172.75
27	1.50	500.08	172.75
28	1.50	501.58	172.75
29	1.50	503.08	172.75

LOCKEPORT NS ... continued

Station	Depth	Latitude	Longitude	Start
20A	17.0	43.64	65.12	Oct 28, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
30	1.50	504.58	172.75
31	1.83	506.42	172.75
Total	Deg. days (0) for Jan/83 =	81.08	
32	2.00	508.42	172.75
33	2.00	510.42	172.75
34	2.00	512.42	172.75
35	2.00	514.42	172.75
36	2.00	516.42	172.75
37	2.00	518.42	172.75
38	1.58	520.00	172.75
39	1.50	521.50	172.75
40	1.75	523.25	172.75
41	1.50	524.75	172.75
42	1.25	526.00	172.75
43	1.00	527.00	172.75
44	0.67	527.67	172.75
45	0.50	528.17	172.75
46	0.50	528.67	172.75
47	0.50	529.17	172.75
48	0.50	529.67	172.75
49	0.50	530.17	172.75
50	0.50	530.67	172.75
51	0.50	531.17	172.75
52	0.50	531.67	172.75
53	0.50	532.17	172.75
54	0.17	532.33	172.75
55	0.00	532.33	172.75
56	0.00	532.33	172.75
57	0.00	532.33	172.75
58	0.00	532.33	172.75
59	0.00	532.33	172.75
Total	Deg. days (0) for Feb/83 =	25.92	
60	0.00	532.33	172.75
61	0.33	532.67	172.75
62	0.50	533.17	172.75
63	0.50	533.67	172.75
64	0.50	534.17	172.75
65	0.50	534.67	172.75
66	0.50	535.17	172.75
67	0.50	535.67	172.75
68	0.50	536.17	172.75
69	0.50	536.67	172.75
70	0.50	537.17	172.75
71	0.50	537.67	172.75
72	0.50	538.17	172.75
73	0.50	538.67	172.75

LOCKEPORT NS ... continued

Station	Depth	Latitude	Longitude	Start
20A	17.0	43.64	65.12	Oct 28, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
74	0.50	539.17	172.75

Estimated Deg. days (0) for Mar/83 = 14.12

LOCKEPORT NS

Station	Depth	Latitude	Longitude	Start
20B	17.0	43.64	65.12	Mar 15, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
74	0.50	0.50	0.00
75	1.58	2.08	0.00
76	2.33	4.42	0.00
77	2.58	7.00	0.00
78	2.50	9.50	0.00
79	2.50	12.00	0.00
80	2.92	14.92	0.00
81	2.83	17.75	0.00
82	2.50	20.25	0.00
83	2.42	22.67	0.00
84	2.33	25.00	0.00
85	2.00	27.00	0.00
86	2.25	29.25	0.00
87	2.00	31.25	0.00

Estimated Deg. days (0) for Mar/83 = 69.20

PORT MOUTON NS

Station	Depth	Latitude	Longitude	Start
21A	3.0	43.92	64.83	Nov 12, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
316	10.25	10.25	6.25
317	8.17	18.42	10.42
318	7.67	26.08	14.08
319	7.50	33.58	17.58
320	7.08	40.67	20.67
321	7.00	47.67	23.67
322	6.92	54.58	26.58
323	6.50	61.08	29.08
324	6.58	67.67	31.67
325	7.42	75.08	35.08
326	8.00	83.08	39.08
327	8.83	91.92	43.92
328	10.00	101.92	49.92
329	9.42	111.33	55.33
330	9.00	120.33	60.33
331	8.75	129.08	65.08
332	8.42	137.50	69.50
333	8.00	145.50	73.50
334	8.00	153.50	77.50
Estimated	Deg. days (0) for Nov/82 =	242.37	
335	8.00	161.50	81.50
336	8.00	169.50	85.50
337	8.00	177.50	89.50
338	8.00	185.50	93.50
339	8.00	193.50	97.50
340	8.00	201.50	101.50
341	8.00	209.50	105.50
342	8.00	217.50	109.50

PORT MOUTON NS

Station	Depth	Latitude	Longitude	Start
21B	18.0	43.90	64.85	Dec 21, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
355	4.00	4.00	0.00
356	4.00	8.00	0.00
357	4.00	12.00	0.00
358	4.00	16.00	0.00
359	3.58	19.58	0.00
360	3.50	23.08	0.00
361	3.50	26.58	0.00
362	3.50	30.08	0.00
363	3.75	33.83	0.00
364	4.00	37.83	0.00
365	4.00	41.83	0.00

Estimated Deg. days (0) for Dec/82 = 117.89

1	4.00	45.83	0.00
2	4.00	49.83	0.00
3	4.00	53.83	0.00
4	3.92	57.75	0.00
5	3.50	61.25	0.00
6	3.50	64.75	0.00
7	3.50	68.25	0.00
8	3.25	71.50	0.00
9	3.00	74.50	0.00
10	3.00	77.50	0.00
11	3.00	80.50	0.00
12	3.00	83.50	0.00
13	3.00	86.50	0.00
14	3.00	89.50	0.00
15	3.00	92.50	0.00
16	3.00	95.50	0.00
17	3.00	98.50	0.00
18	3.00	101.50	0.00
19	3.00	104.50	0.00
20	3.00	107.50	0.00
21	2.67	110.17	0.00
22	2.50	112.67	0.00
23	2.50	115.17	0.00
24	2.25	117.42	0.00
25	2.00	119.42	0.00
26	2.50	121.92	0.00
27	2.50	124.42	0.00
28	2.50	126.92	0.00
29	2.42	129.33	0.00
30	2.00	131.33	0.00
31	2.00	133.33	0.00

Total Deg. days (0) for Jan/83 = 91.50

32	2.00	135.33	0.00
33	2.00	137.33	0.00

PORT MOUTON NS ... continued

Station	Depth	Latitude	Longitude	Start
21B	18.0	43.90	64.85	Dec 21, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
34	2.00	139.33	0.00
35	2.00	141.33	0.00
36	2.00	143.33	0.00
37	2.00	145.33	0.00
38	2.00	147.33	0.00
39	1.67	149.00	0.00
40	1.50	150.50	0.00
41	1.50	152.00	0.00
42	1.50	153.50	0.00
43	1.25	154.75	0.00
44	0.75	155.50	0.00
45	0.50	156.00	0.00
46	0.50	156.50	0.00
47	0.50	157.00	0.00
48	0.50	157.50	0.00
49	0.50	158.00	0.00
50	0.50	158.50	0.00
51	0.50	159.00	0.00
52	0.50	159.50	0.00
53	0.50	160.00	0.00
54	0.50	160.50	0.00
55	0.17	160.67	0.00
56	0.00	160.67	0.00
57	0.00	160.67	0.00
58	0.00	160.67	0.00
59	0.00	160.67	0.00

Total Deg. days (0) for Feb/83 = 27.33

60	0.00	160.67	0.00
61	0.00	160.67	0.00
62	0.00	160.67	0.00
63	0.00	160.67	0.00
64	0.00	160.67	0.00
65	0.00	160.67	0.00
66	0.00	160.67	0.00
67	0.00	160.67	0.00
68	0.00	160.67	0.00
69	0.00	160.67	0.00
70	0.00	160.67	0.00
71	0.00	160.67	0.00
72	0.00	160.67	0.00
73	0.00	160.67	0.00
74	0.00	160.67	0.00
75	0.00	160.67	0.00
76	0.00	160.67	0.00
77	0.00	160.67	0.00
78	0.00	160.67	0.00
79	0.00	160.67	0.00
80	0.00	160.67	0.00

PORT MOUTON NS ... continued

Station	Depth	Latitude	Longitude	Start
21B	18.0	43.90	64.85	Dec 21, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
81	0.00	160.67	0.00
82	0.00	160.67	0.00
83	0.00	160.67	0.00
84	0.00	160.67	0.00
85	0.00	160.67	0.00
86	0.00	160.67	0.00
87	0.00	160.67	0.00
88	0.00	160.67	0.00
89	0.00	160.67	0.00
90	0.00	160.67	0.00
Total	Deg. days (0) for Mar/83 =	0.00	
91	0.00	160.67	0.00
92	0.00	160.67	0.00
93	0.00	160.67	0.00
94	0.00	160.67	0.00
95	0.00	160.67	0.00
96	0.00	160.67	0.00
97	0.00	160.67	0.00
98	0.00	160.67	0.00
99	0.00	160.67	0.00
100	0.00	160.67	0.00
101	0.17	160.83	0.00
102	0.75	161.58	0.00
103	0.50	162.08	0.00
104	0.50	162.58	0.00
105	0.58	163.17	0.00
106	1.00	164.17	0.00
107	1.00	165.17	0.00
108	1.00	166.17	0.00
109	1.00	167.17	0.00
110	1.00	168.17	0.00
111	1.00	169.17	0.00
112	1.00	170.17	0.00
113	1.00	171.17	0.00
114	1.00	172.17	0.00
115	1.25	173.42	0.00
116	1.67	175.08	0.00
117	1.50	176.58	0.00
118	1.92	178.50	0.00
119	1.75	180.25	0.00
120	1.25	181.50	0.00
Total	Deg. days (0) for Apr/83 =	20.83	
121	1.00	182.50	0.00
122	1.00	183.50	0.00
123	1.00	184.50	0.00
124	1.00	185.50	0.00

PORT MOUTON NS ... continued

Station	Depth	Latitude	Longitude	Start
21B	18.0	43.90	64.85	Dec 21, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
125	1.00	186.50	0.00
126	1.00	187.50	0.00
127	1.00	188.50	0.00
128	1.00	189.50	0.00
129	1.00	190.50	0.00
130	1.00	191.50	0.00
131	1.00	192.50	0.00
132	1.42	193.92	0.00
133	2.00	195.92	0.00
134	3.42	199.33	0.00
135	3.92	203.25	0.00
136	3.50	206.75	0.00
137	3.83	210.58	0.00
138	4.00	214.58	0.00
139	4.00	218.58	0.00
140	4.00	222.58	0.00
141	3.08	225.67	0.00
142	2.08	227.75	0.00
143	2.00	229.75	0.00
144	2.58	232.33	0.00
145	3.83	236.17	0.00
146	5.00	241.17	1.00
147	5.00	246.17	2.00
148	5.00	251.17	3.00
149	5.00	256.17	4.00
150	5.00	261.17	5.00
151	5.00	266.17	6.00

Total Deg. days (0) for May/83 = 84.67

STONEHURST NS

Station	Depth	Latitude	Longitude	Start
22	11.0	44.37	64.19	Apr 1, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
91	0.50	0.50	0.00
92	0.50	1.00	0.00
93	0.50	1.50	0.00
94	0.50	2.00	0.00
95	0.67	2.67	0.00
96	0.75	3.42	0.00
97	0.50	3.92	0.00
98	0.83	4.75	0.00
99	1.00	5.75	0.00
100	1.00	6.75	0.00
101	1.00	7.75	0.00
102	1.25	9.00	0.00
103	1.50	10.50	0.00
104	1.50	12.00	0.00
105	2.00	14.00	0.00
106	1.92	15.92	0.00
107	1.50	17.42	0.00
108	1.83	19.25	0.00
109	1.50	20.75	0.00
110	2.00	22.75	0.00
111	2.00	24.75	0.00
112	2.00	26.75	0.00
113	2.00	28.75	0.00
114	2.00	30.75	0.00
115	2.08	32.83	0.00
116	2.92	35.75	0.00
117	3.00	38.75	0.00
118	3.00	41.75	0.00
119	3.00	44.75	0.00
120	3.00	47.75	0.00

Total Deg. days (0) for Apr/83 = 47.75

121	3.00	50.75	0.00
122	2.25	53.00	0.00
123	2.33	55.33	0.00
124	1.75	57.08	0.00
125	1.58	58.67	0.00
126	2.00	60.67	0.00
127	3.00	63.67	0.00
128	3.00	66.67	0.00
129	3.00	69.67	0.00
130	2.33	72.00	0.00
131	3.08	75.08	0.00
132	2.92	78.00	0.00
133	3.50	81.50	0.17
134	5.17	86.67	1.33
135	5.42	92.08	2.75
136	5.00	97.08	3.75
137	4.17	101.25	3.92

STONEHURST NS ... continued

Station	Depth	Latitude	Longitude	Start
22	11.0	44.37	64.19	Apr 1, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
138	4.83	106.08	4.75
139	5.00	111.08	5.75
140	5.00	116.08	6.75
141	4.33	120.42	7.08
142	4.00	124.42	7.08
143	4.33	128.75	7.42
144	5.00	133.75	8.42
145	5.17	138.92	9.58
146	5.00	143.92	10.58
147	5.00	148.92	11.58
148	5.33	154.25	12.92
149	5.50	159.75	14.42
150	5.50	165.25	15.92
151	5.50	170.75	17.42

Total Deg. days (0) for May/83 = 123.00

152	5.50	176.25	18.92
153	5.50	181.75	20.42
154	6.00	187.75	22.42
155	6.00	193.75	24.42
156	5.50	199.25	25.92
157	5.00	204.25	26.92
158	5.00	209.25	27.92
159	5.00	214.25	28.92
160	5.17	219.42	30.08
161	5.50	224.92	31.58
162	5.00	229.92	32.58
163	5.50	235.42	34.08
164	5.33	240.75	35.42
165	5.58	246.33	37.00
166	6.00	252.33	39.00
167	6.00	258.33	41.00
168	6.00	264.33	43.00
169	7.08	271.42	46.08
170	7.75	279.17	49.83
171	6.58	285.75	52.42
172	6.83	292.58	55.25
173	7.92	300.50	59.17
174	7.08	307.58	62.25
175	6.58	314.17	64.83
176	6.17	320.33	67.00
177	6.08	326.42	69.08
178	6.50	332.92	71.58
179	6.17	339.08	73.75
180	6.17	345.25	75.92
181	7.00	352.25	78.92

Total Deg. days (0) for June/83 = 181.50

STONEHURST NS ... continued

Station	Depth	Latitude	Longitude	Start
22	11.0	44.37	64.19	Apr 1, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
182	6.92	359.17	81.83
183	6.67	365.83	84.50
184	5.50	371.33	86.00
185	5.67	377.00	87.67
186	6.50	383.50	90.17
187	5.92	389.42	92.08
188	5.58	395.00	93.67
189	6.08	401.08	95.75
190	6.75	407.83	98.50
191	5.58	413.42	100.08
192	5.75	419.17	101.83
193	6.00	425.17	103.83
194	5.83	431.00	105.67
195	5.75	436.75	107.42
196	5.83	442.58	109.25
197	5.83	448.42	111.08
198	5.92	454.33	113.00
199	5.92	460.25	114.92
200	6.42	466.67	117.33
201	6.67	473.33	120.00
202	6.50	479.83	122.50
203	6.33	486.17	124.83
204	6.83	493.00	127.67
205	8.08	501.08	131.75
206	9.75	510.83	137.50
207	10.33	521.17	143.83
208	10.83	532.00	150.67
209	11.42	543.42	158.08
210	11.83	555.25	165.92
211	11.42	566.67	173.33
212	10.42	577.08	179.75

Total Deg. days (0) for July/83 = 224.83

213	10.33	587.42	186.08
214	10.92	598.33	193.00
215	10.58	608.92	199.58
216	9.92	618.83	205.50
217	9.58	628.42	211.08
218	9.25	637.67	216.33
219	9.33	647.00	221.67
220	9.42	656.42	227.08
221	10.58	667.00	233.67
222	7.50	674.50	237.17
223	9.42	683.92	242.58
224	10.75	694.67	249.33
225	12.00	706.67	257.33
226	14.67	721.33	268.00
227	15.00	736.33	279.00
228	15.00	751.33	290.00

STONEHURST NS ... continued

Station	Depth	Latitude	Longitude	Start
22	11.0	44.37	64.19	Apr 1, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
229	14.75	766.08	300.75
230	14.50	780.58	311.25
231	14.50	795.08	321.75
232	14.00	809.08	331.75
233	13.83	822.92	341.58
234	12.75	835.67	350.33
235	11.50	847.17	357.83
236	10.00	857.17	363.83
237	11.17	868.33	371.00
238	8.58	876.92	375.58
239	9.25	886.17	380.83
240	8.33	894.50	385.17
241	11.17	905.67	392.33
242	12.33	918.00	400.67
243	15.00	933.00	411.67

Total Deg. days (0) for Aug/83 = 355.92

244	15.00	948.00	422.67
245	14.75	962.75	433.42
246	15.00	977.75	444.42
247	14.75	992.50	455.17
248	14.42	1006.92	465.58
249	14.00	1020.92	475.58
250	13.58	1034.50	485.17
251	12.00	1046.50	493.17
252	11.25	1057.75	500.42
253	9.83	1067.58	506.25
254	8.33	1075.92	510.58
255	8.25	1084.17	514.83
256	8.42	1092.58	519.25
257	11.92	1104.50	527.17
258	14.00	1118.50	537.17
259	14.00	1132.50	547.17

Estimated Deg. days (0) for Sept/83 = 374.06

1ST-2ND PENINSULA MAHONE BAY NS

Station	Depth	Latitude	Longitude	Start
23A	8.0	44.38	64.26	July 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
209	14.25	14.25	10.25
210	13.58	27.83	19.83
211	13.00	40.83	28.83
212	13.00	53.83	37.83
213	14.00	67.83	47.83
214	14.50	82.33	58.33
215	14.58	96.92	68.92
216	15.92	112.83	80.83
217	16.25	129.08	93.08
218	15.50	144.58	104.58
219	15.50	160.08	116.08
220	16.83	176.92	128.92
221	14.25	191.17	139.17
222	14.67	205.83	149.83
223	16.17	222.00	162.00
224	16.75	238.75	174.75
225	16.08	254.83	186.83
226	16.08	270.92	198.92
227	16.50	287.42	211.42
228	16.50	303.92	223.92
229	16.92	320.83	236.83
230	17.00	337.83	249.83
231	16.83	354.67	262.67
232	17.17	371.83	275.83
233	16.83	388.67	288.67
234	17.00	405.67	301.67
235	17.00	422.67	314.67
236	17.08	439.75	327.75
237	16.83	456.58	340.58
238	15.50	472.08	352.08
239	14.33	486.42	362.42
240	15.33	501.75	373.75
241	16.00	517.75	385.75
242	16.33	534.08	398.08
243	16.50	550.58	410.58

Total Deg. days (0) for Aug/83 = 496.75

244	16.33	566.92	422.92
245	17.00	583.92	435.92
246	17.00	600.92	448.92
247	17.42	618.33	462.33
248	17.50	635.83	475.83
249	17.83	653.67	489.67
250	17.25	670.92	502.92
251	17.08	688.00	516.00
252	17.00	705.00	529.00
253	16.83	721.83	541.83
254	16.50	738.33	554.33
255	15.08	753.42	565.42

1ST-2ND PENINSULA MAHONE BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
23A	8.0	44.38	64.26	July 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
256	15.92	769.33	577.33
257	16.33	785.67	589.67
258	16.58	802.25	602.25
259	16.17	818.42	614.42
260	16.00	834.42	626.42
261	15.25	849.67	637.67
262	15.50	865.17	649.17
263	16.00	881.17	661.17
264	16.00	897.17	673.17
265	15.92	913.08	685.08
266	15.08	928.17	696.17
267	15.83	944.00	708.00
268	16.00	960.00	720.00
269	16.00	976.00	732.00
270	15.75	991.75	743.75
271	15.67	1007.42	755.42
272	15.50	1022.92	766.92
273	15.50	1038.42	778.42

Total Deg. days (0) for Sept/83 = 487.83

274	15.92	1054.33	790.33
275	16.00	1070.33	802.33
276	16.00	1086.33	814.33
277	16.00	1102.33	826.33
278	16.00	1118.33	838.33
279	16.00	1134.33	850.33
280	15.50	1149.83	861.83
281	15.50	1165.33	873.33
282	15.17	1180.50	884.50
283	15.00	1195.50	895.50
284	14.50	1210.00	906.00
285	14.50	1224.50	916.50
286	14.50	1239.00	927.00
287	14.50	1253.50	937.50
288	14.50	1268.00	948.00
289	14.17	1282.17	958.17
290	13.58	1295.75	967.75
291	13.50	1309.25	977.25
292	13.50	1322.75	986.75
293	12.75	1335.50	995.50
294	12.08	1347.58	1003.58
295	11.33	1358.92	1010.92
296	11.00	1369.92	1017.92
297	11.00	1380.92	1024.92
298	11.00	1391.92	1031.92

Estimated Deg. days (0) for Oct/83 = 438.34

1ST-2ND PENINSULA MAHONE BAY NS

Station	Depth	Latitude	Longitude	Start
23B	11.0	44.38	64.30	July 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
209	14.00	14.00	10.00
210	13.75	27.75	19.75
211	13.42	41.17	29.17
212	12.92	54.08	38.08
213	13.75	67.83	47.83
214	14.00	81.83	57.83
215	14.50	96.33	68.33
216	15.25	111.58	79.58
217	16.00	127.58	91.58
218	15.67	143.25	103.25
219	15.67	158.92	114.92
220	16.67	175.58	127.58
221	15.17	190.75	138.75
222	14.58	205.33	149.33
223	15.58	220.92	160.92
224	16.00	236.92	172.92
225	15.42	252.33	184.33
226	15.58	267.92	195.92
227	16.00	283.92	207.92
228	16.00	299.92	219.92
229	16.00	315.92	231.92
230	16.75	332.67	244.67
231	16.83	349.50	257.50
232	17.00	366.50	270.50
233	16.92	383.42	283.42
234	16.58	400.00	296.00
235	16.92	416.92	308.92
236	17.00	433.92	321.92
237	16.58	450.50	334.50
238	15.75	466.25	346.25
239	14.67	480.92	356.92
240	15.08	496.00	368.00
241	15.83	511.83	379.83
242	16.00	527.83	391.83
243	16.00	543.83	403.83

Total Deg. days (0) for Aug/83 = 489.75

244	16.00	559.83	415.83
245	16.00	575.83	427.83
246	16.00	591.83	439.83
247	16.83	608.67	452.67
248	17.00	625.67	465.67
249	17.25	642.92	478.92
250	17.33	660.25	492.25
251	17.00	677.25	505.25
252	17.00	694.25	518.25
253	16.92	711.17	531.17
254	16.75	727.92	543.92
255	15.42	743.33	555.33

1ST-2ND PENINSULA MAHONE BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
23B	11.0	44.38	64.30	July 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
256	16.00	759.33	567.33
257	16.00	775.33	579.33
258	16.00	791.33	591.33
259	15.75	807.08	603.08
260	15.50	822.58	614.58
261	15.17	837.75	625.75
262	15.00	852.75	636.75
263	15.00	867.75	647.75
264	15.50	883.25	659.25
265	15.67	898.92	670.92
266	15.00	913.92	681.92
267	15.00	928.92	692.92
268	15.00	943.92	703.92
269	15.00	958.92	714.92
270	15.00	973.92	725.92
271	15.00	988.92	736.92
272	15.00	1003.92	747.92
273	15.00	1018.92	758.92

Total Deg. days (0) for Sept/83 = 475.08

274	15.00	1033.92	769.92
275	15.00	1048.92	780.92
276	15.00	1063.92	791.92
277	15.00	1078.92	802.92
278	15.00	1093.92	813.92
279	15.00	1108.92	824.92
280	15.00	1123.92	835.92
281	14.75	1138.67	846.67
282	14.50	1153.17	857.17
283	14.17	1167.33	867.33
284	13.75	1181.08	877.08
285	13.50	1194.58	886.58
286	13.50	1208.08	896.08
287	14.00	1222.08	906.08
288	14.00	1236.08	916.08
289	13.50	1249.58	925.58
290	12.75	1262.33	934.33
291	12.50	1274.83	942.83
292	12.50	1287.33	951.33
293	12.00	1299.33	959.33
294	11.17	1310.50	966.50
295	10.50	1321.00	973.00
296	10.17	1331.17	979.17
297	10.08	1341.25	985.25
298	10.00	1351.25	991.25

Estimated Deg. days (0) for Oct/83 = 412.09

PLEASANT POINT POND NS

Station	Depth	Latitude	Longitude	Start
25	3.0	44.72	63.08	Oct 27, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
300	10.00	10.00	6.00
301	10.00	20.00	12.00
302	10.00	30.00	18.00
303	10.00	40.00	24.00
304	10.00	50.00	30.00
305	10.00	60.00	36.00
306	10.00	70.00	42.00
307	10.00	80.00	48.00
308	10.25	90.25	54.25
309	11.17	101.42	61.42
310	12.00	113.42	69.42
311	11.58	125.00	77.00
312	10.33	135.33	83.33
313	9.92	145.25	89.25
314	8.92	154.17	94.17
315	7.67	161.83	97.83
316	7.08	168.92	100.92
317	7.33	176.25	104.25
318	8.00	184.25	108.25
319	7.83	192.08	112.08
320	7.00	199.08	115.08
321	6.58	205.67	117.67
322	6.00	211.67	119.67
323	6.25	217.92	121.92
324	6.00	223.92	123.92
325	5.33	229.25	125.25
326	5.92	235.17	127.17
327	6.00	241.17	129.17
328	6.83	248.00	132.00
329	7.00	255.00	135.00
330	6.25	261.25	137.25
331	5.83	267.08	139.08
332	4.08	271.17	139.33
333	3.08	274.25	139.33
334	3.00	277.25	139.33

Total Deg. days (0) for Nov/82 = 227.25

335	3.42	280.67	139.33
336	3.50	284.17	139.33
337	3.92	288.08	139.33
338	4.00	292.08	139.33
339	4.00	296.08	139.33
340	4.00	300.08	139.33
341	4.00	304.08	139.33
342	4.50	308.58	139.83
343	4.50	313.08	140.33
344	4.25	317.33	140.58
345	1.92	319.25	140.58
346	1.75	321.00	140.58

PLEASANT POINT POND NS ... continued

Station	Depth	Latitude	Longitude	Start
25	3.0	44.72	63.08	Oct 27, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
347	0.42	321.58	140.58
348	-1.00	321.58	140.58
349	-0.92	321.58	140.58
350	-0.50	321.58	140.58
351	-0.17	321.75	140.58
352	0.50	322.25	140.58
353	0.00	322.25	140.58
354	0.00	322.25	140.58
355	0.00	322.25	140.58
356	0.00	322.25	140.58
357	0.00	322.25	140.58
358	0.00	322.25	140.58
359	0.00	322.25	140.58
360	0.00	322.25	140.58
361	0.00	322.25	140.58
362	0.42	322.67	140.58
363	0.50	323.17	140.58
364	0.92	324.08	140.58
365	1.00	325.08	140.58
Total	Deg. days (0) for Dec/82 =	47.83	
1	1.00	326.08	140.58
2	1.25	327.33	140.58
3	1.50	328.83	140.58
4	1.50	330.33	140.58
5	1.25	331.58	140.58
6	0.58	332.17	140.58
7	0.75	332.92	140.58
8	0.67	333.58	140.58
9	1.00	334.58	140.58
10	1.00	335.58	140.58
11	1.00	336.58	140.58
12	1.17	337.75	140.58
13	2.00	339.75	140.58
14	2.00	341.75	140.58
15	2.00	343.75	140.58
16	1.83	345.58	140.58
17	1.17	346.75	140.58
18	1.33	348.08	140.58
19	2.00	350.08	140.58
20	2.00	352.08	140.58
21	2.00	354.08	140.58
22	2.00	356.08	140.58
23	2.00	358.08	140.58
24	2.00	360.08	140.58
25	2.00	362.08	140.58
26	2.00	364.08	140.58
27	2.00	366.08	140.58
28	1.92	368.00	140.58

PLEASANT POINT POND NS ... continued

Station	Depth	Latitude	Longitude	Start
25	3.0	44.72	63.08	Oct 27, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
29	1.08	369.08	140.58
30	1.00	370.08	140.58
31	1.00	371.08	140.58
Total	Deg. days (0) for Jan/83 =	46.00	
32	1.42	372.50	140.59
33	1.00	373.50	140.58
34	1.00	374.50	140.58
35	1.33	375.83	140.58
36	1.67	377.50	140.58
37	2.00	379.50	140.58
38	2.00	381.50	140.58
39	1.83	383.33	140.58
40	1.50	384.83	140.58
41	1.08	385.92	140.58
42	1.25	387.17	140.58
43	1.50	388.67	140.58
44	1.42	390.08	140.58
45	1.33	391.42	140.58
46	1.08	392.50	140.58
47	1.00	393.50	140.58
48	1.00	394.50	140.58
49	1.00	395.50	140.58
50	1.17	396.67	140.58
51	1.00	397.67	140.58
52	1.00	398.67	140.58
53	1.00	399.67	140.58
54	1.00	400.67	140.58
55	0.67	401.33	140.58
56	0.00	401.33	140.58
57	-0.50	401.33	140.58
58	-0.50	401.33	140.58
59	-0.50	401.33	140.58
Total	Deg. days (0) for Feb/83 =	30.25	
60	-0.50	401.33	140.58
61	-0.17	401.33	140.58
62	0.08	401.42	140.58
63	0.50	401.92	140.58
64	0.50	402.42	140.58
65	0.58	403.00	140.58
66	1.00	404.00	140.58
67	1.00	405.00	140.58
68	1.00	406.00	140.58
69	1.00	407.00	140.58
70	1.00	408.00	140.58
71	1.00	409.00	140.58
72	1.00	410.00	140.58

PLEASANT POINT POND NS ... continued

Station	Depth	Latitude	Longitude	Start
25	3.0	44.72	63.08	Oct 27, 1982 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
73	1.00	411.00	140.58

Estimated Deg. days (0) for Mar/83 = 21.40

SPANISH SHIP BAY NS

Station	Depth	Latitude	Longitude	Start
26	2.0	45.02	62.02	July 21, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
202	16.75	16.75	12.75
203	14.33	31.08	23.08
204	13.67	44.75	32.75
205	14.33	59.08	43.08
206	15.42	74.50	54.50
207	14.83	89.33	65.33
208	15.50	104.83	76.83
209	16.92	121.75	89.75
210	17.50	139.25	103.25
211	18.42	157.67	117.67
212	16.00	173.67	129.67
Escimated	Deg. days (0) for July/83 =	489.42	
213	16.50	190.17	142.17
214	17.92	208.08	156.08
215	17.50	225.58	169.58
216	13.33	238.92	178.92
217	13.83	252.75	188.75
218	16.50	269.25	201.25
219	17.00	286.25	214.25
220	17.42	303.67	227.67
221	18.25	321.92	241.92
222	16.50	338.42	254.42
223	15.42	353.83	265.83
224	15.33	369.17	277.17
225	15.00	384.17	288.17
226	15.25	399.42	299.42
227	16.25	415.67	311.67
228	17.33	433.00	325.00
229	17.00	450.00	338.00
230	16.50	466.50	350.50
231	16.33	482.83	362.83
232	17.00	499.83	375.83
233	17.25	517.08	389.08
234	15.67	532.75	400.75
235	15.17	547.92	411.92
236	14.83	562.75	422.75
237	15.33	578.08	434.08
238	16.17	594.25	446.25
239	16.50	610.75	458.75
240	16.17	626.92	470.92
241	16.08	643.00	483.00
242	16.00	659.00	495.00
243	16.00	675.00	507.00
Total	Deg. days (0) for Aug/83 =	501.33	
244	16.08	691.08	519.08
245	16.92	708.00	532.00

SPANISH SHIP BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
26	2.0	45.02	62.02	July 21, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
246	17.17	725.17	545.17
247	17.42	742.58	558.58
248	18.58	761.17	573.17
249	17.92	779.08	587.08
250	18.50	797.58	601.58
251	17.25	814.83	614.83
252	15.00	829.83	625.83
253	14.92	844.75	636.75
254	14.58	859.33	647.33
255	15.33	874.67	658.67
256	15.08	889.75	669.75
257	15.00	904.75	680.75
258	15.00	919.75	691.75
259	15.00	934.75	702.75
260	15.00	949.75	713.75
261	15.00	964.75	724.75
262	15.25	980.00	736.00
263	16.33	996.33	748.33
264	17.00	1013.33	761.33
265	17.33	1030.67	774.67
266	17.92	1048.58	788.58
267	17.00	1065.58	801.58
268	17.00	1082.58	814.58
269	17.00	1099.58	827.58
270	17.00	1116.58	840.58
271	16.58	1133.17	853.17
272	15.67	1148.83	864.83
273	15.08	1163.92	875.92

Total Deg. days (0) for Sept/83 = 488.92

274	14.50	1178.42	886.42
275	14.67	1193.08	897.08
276	15.33	1208.42	908.42
277	15.75	1224.17	920.17
278	14.42	1238.58	930.58
279	14.33	1252.92	940.92
280	15.00	1267.92	951.92
281	14.67	1282.58	962.58
282	14.50	1297.08	973.08
283	14.08	1311.17	983.17
284	13.25	1324.42	992.42
285	13.17	1337.58	1001.58
286	13.50	1351.08	1011.08
287	13.88	1364.96	1020.96

Estimated Deg. days (0) for Oct/83 = 445.16

NEW HARBOUR NS

Station	Depth	Latitude	Longitude	Start
27A	19.0	45.13	61.38	Apr 21, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
111	0.00	0.00	0.00
112	0.00	0.00	0.00
113	-0.25	0.00	0.00
114	-0.50	0.00	0.00
115	-0.17	0.00	0.00
116	0.00	0.00	0.00
117	0.00	0.00	0.00
118	0.00	0.00	0.00
119	0.00	0.00	0.00
120	0.00	0.00	0.00

Estimated Deg. days (0) for Apr/83 = 0.00

121	0.00	0.00	0.00
122	0.00	0.00	0.00
123	0.00	0.00	0.00
124	0.00	0.00	0.00
125	0.00	0.00	0.00
126	0.00	0.00	0.00
127	0.00	0.00	0.00
128	0.00	0.00	0.00
129	0.00	0.00	0.00
130	0.58	0.58	0.00
131	1.50	2.08	0.00
132	1.50	3.58	0.00

Estimated Deg. days (0) for May/83 = 9.26

NEW HARBOUR NS

Station	Depth	Latitude	Longitude	Start
27B	20.0	45.13	61.38	Aug 25, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
237	12.50	12.50	8.50
238	11.83	24.33	16.33
239	10.42	34.75	22.75
240	10.33	45.08	29.08
241	12.33	57.42	37.42
242	15.92	73.33	49.33
243	15.83	89.17	61.17
244	13.92	103.08	71.08
245	11.58	114.67	78.67
246	10.42	125.08	85.08
247	11.83	136.92	92.92
248	11.67	148.58	100.58
249	12.17	160.75	108.75
250	11.17	171.92	115.92
251	9.67	181.58	121.58
252	9.17	190.75	126.75
253	10.25	201.00	133.00
254	12.08	213.08	141.08
255	11.25	224.33	148.33
256	13.33	237.67	157.67
257	12.25	249.92	165.92
258	14.00	263.92	175.92
259	14.83	278.75	186.75
260	15.00	293.75	197.75
261	15.00	308.75	208.75
262	15.00	323.75	219.75
263	13.42	337.17	229.17
264	12.75	349.92	237.92
265	12.33	362.25	246.25
266	10.50	372.75	252.75
267	11.08	383.83	259.83
268	11.17	395.00	267.00
269	10.67	405.67	273.67
270	11.00	416.67	280.67
271	12.00	428.67	288.67
272	13.75	442.42	298.42
273	9.75	452.17	304.17

Total Deg. days (0) for Sept/83 = 363.00

274	14.50	466.67	314.67
275	11.83	478.50	322.50
276	11.83	490.33	330.33
277	10.83	501.17	337.17
278	11.92	513.08	345.08
279	13.33	526.42	354.42
280	11.75	538.17	362.17
281	11.67	549.83	369.83
282	12.00	561.83	377.83
283	12.50	574.33	386.33

NEW HARBOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
27B	20.0	45.13	61.38	Aug 25, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
284	13.08	587.42	395.42
285	13.75	601.17	405.17
286	13.58	614.75	414.75
287	12.67	627.42	423.42
288	9.75	637.17	429.17
289	8.50	645.67	433.67
290	11.58	657.25	441.25
291	11.25	668.50	448.50
292	12.00	680.50	456.50
293	12.00	692.50	464.50
294	12.00	704.50	472.50
295	12.00	716.50	480.50
296	12.00	728.50	488.50
297	11.83	740.33	496.33
298	11.42	751.75	503.75
299	11.00	762.75	510.75
300	11.00	773.75	517.75

Estimated Deg. days (0) for Oct/83 = 369.23

DORTS COVE NS

Station	Depth	Latitude	Longitude	Start
28	19.0	45.36	61.43	May 28, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
148	5.00	5.00	1.00
149	5.92	10.92	2.92
150	5.83	16.75	4.75
151	5.08	21.83	5.83
152	5.00	26.83	6.83
153	5.00	31.83	7.83
154	5.17	37.00	9.00
155	5.00	42.00	10.00
156	4.67	46.67	10.67
157	4.75	51.42	11.42
158	5.00	56.42	12.42
159	5.00	61.42	13.42
160	5.00	66.42	14.42
161	4.83	71.25	15.25
162	4.50	75.75	15.75
163	5.67	81.42	17.42
164	6.58	88.00	20.00
165	6.50	94.50	22.50
166	6.00	100.50	24.50
167	6.75	107.25	27.25
168	6.17	113.42	29.42
169	6.00	119.42	31.42
170	5.92	125.33	33.33
171	5.67	131.00	35.00
172	5.50	136.50	36.50
173	6.25	142.75	38.75
174	6.92	149.67	41.67
175	9.75	159.42	47.42
176	9.00	168.42	52.42
177	8.50	176.92	56.92
178	9.33	186.25	62.25
179	9.83	196.08	68.08
180	9.42	205.50	73.50
181	9.33	214.83	78.83

Total Deg. days (0) for June/83 = 193.00

182	10.00	224.83	84.83
183	9.33	234.17	90.17
184	6.67	240.83	92.83
185	5.25	246.08	94.08
186	5.33	251.42	95.42
187	7.17	258.58	98.58
188	6.50	265.08	101.08
189	5.92	271.00	103.00
190	5.67	276.67	104.67
191	6.67	283.33	107.33
192	5.50	288.83	108.83
193	5.92	294.75	110.75
194	8.08	302.83	114.83

DORTS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
28	19.0	45.36	61.43	May 28, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
195	11.33	314.17	122.17
196	11.50	325.67	129.67
197	11.67	337.33	137.33
198	11.50	348.83	144.83
199	12.42	361.25	153.25
200	11.08	372.33	160.33
201	10.33	382.67	166.67
202	10.33	393.00	173.00
203	12.17	405.17	181.17
204	12.25	417.42	189.42
205	14.58	432.00	200.00
206	15.00	447.00	211.00
207	14.67	461.67	221.67
208	15.00	476.67	232.67
209	15.00	491.67	243.67
210	15.00	506.67	254.67
211	14.58	521.25	265.25
212	10.67	531.92	271.92

Total Deg. days (0) for July/83 = 317.08

213	6.67	538.58	274.58
214	8.25	546.83	278.83
215	9.92	556.75	284.75
216	11.00	567.75	291.75
217	10.17	577.92	297.92
218	11.58	589.50	305.50
219	14.83	604.33	316.33
220	13.67	618.00	326.00
221	12.58	630.58	334.58
222	12.67	643.25	343.25
223	12.33	655.58	351.58
224	12.08	667.67	359.67
225	13.08	680.75	368.75
226	14.92	695.67	379.67
227	15.00	710.67	390.67
228	15.00	725.67	401.67
229	15.00	740.67	412.67
230	15.00	755.67	423.67
231	15.00	770.67	434.67
232	15.00	785.67	445.67
233	15.00	800.67	456.67
234	13.42	814.08	466.08
235	7.25	821.33	469.33
236	7.58	828.92	472.92
237	11.50	840.42	480.42
238	13.00	853.42	489.42
239	13.00	866.42	498.42
240	12.50	878.92	506.92
241	11.67	890.58	514.58

DORTS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
28	19.0	45.36	61.43	May 28, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
242	13.08	903.67	523.67
243	14.83	918.50	534.50
Total	Deg. days (0) for Aug/83 =	386.58	
244	15.00	933.50	545.50
245	15.00	948.50	556.50
246	15.00	963.50	567.50
247	15.00	978.50	578.50
248	15.00	993.50	589.50
249	15.00	1008.50	600.50
250	14.25	1022.75	610.75
251	13.08	1035.83	619.83
252	12.42	1048.25	628.25
253	11.58	1059.83	635.83
254	10.67	1070.50	642.50
255	11.67	1082.17	650.17
256	12.58	1094.75	658.75
257	13.67	1108.42	668.42
258	13.50	1121.92	677.92
259	15.00	1136.92	688.92
260	15.00	1151.92	699.92
261	15.00	1166.92	710.92
262	15.00	1181.92	721.92
263	15.00	1196.92	732.92
264	15.00	1211.92	743.92
265	15.00	1226.92	754.92
266	14.50	1241.42	765.42
267	14.00	1255.42	775.42
268	14.00	1269.42	785.42
269	14.42	1283.83	795.83
270	15.00	1298.83	806.83
271	14.75	1313.58	817.58
272	13.17	1326.75	826.75
273	11.33	1338.08	834.08
Total	Deg. days (0) for Sept/83 =	419.58	
274	13.00	1351.08	843.08
275	13.08	1364.17	852.17
276	13.42	1377.58	861.58
277	13.08	1390.67	870.67
278	12.33	1403.00	879.00
279	13.00	1416.00	888.00
280	13.08	1429.08	897.08
281	13.33	1442.42	906.42
282	12.33	1454.75	914.75
283	12.33	1467.08	923.08
284	13.00	1480.08	932.08
285	13.00	1493.08	941.08

DORTS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
28	19.0	45.36	61.43	May 28, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
286	13.00	1506.08	950.08
287	13.00	1519.08	959.08
288	12.17	1531.25	967.25
289	12.00	1543.25	975.25

Estimated Deg. days (0) for Oct/83 = 397.51

ISLE MADAME NS

Station	Depth	Latitude	Longitude	Start
29	18.0	45.60	60.95	May 28, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
148	9.00	9.00	5.00
149	7.00	16.00	8.00
150	6.50	22.50	10.50
151	6.50	29.00	13.00
152	6.50	35.50	15.50
153	6.50	42.00	18.00
154	5.92	47.92	19.92
155	5.00	52.92	20.92
156	5.58	58.50	22.50
157	5.50	64.00	24.00
158	5.50	69.50	25.50
159	5.50	75.00	27.00
160	5.42	80.42	28.42
161	5.00	85.42	29.42
162	5.08	90.50	30.50
163	5.50	96.00	32.00
164	5.92	101.92	33.92
165	6.08	108.00	36.00
166	6.75	114.75	38.75
167	7.33	122.08	42.08
168	7.50	129.58	45.58
169	7.50	137.08	49.08
170	7.50	144.58	52.58
171	7.08	151.67	55.67
172	6.17	157.83	57.83
173	6.08	163.92	59.92
174	7.25	171.17	63.17
175	9.33	180.50	68.50
176	10.42	190.92	74.92
177	11.00	201.92	81.92
178	11.83	213.75	89.75
179	12.17	225.92	97.92
180	9.42	235.33	103.33
181	9.67	245.00	109.00

Total Deg. days (0) for June/83 = 216.00

182	9.00	254.00	114.00
183	9.42	263.42	119.42
184	6.83	270.25	122.25
185	6.83	277.08	125.08
186	7.00	284.08	128.08
187	7.00	291.08	131.08
188	7.00	298.08	134.08
189	7.00	305.08	137.08
190	7.75	312.83	140.83
191	8.00	320.83	144.83
192	8.00	328.83	148.83
193	10.25	339.08	155.08
194	12.75	351.83	163.83

ISLE MADAME NS ... continued

Station	Depth	Latitude	Longitude	Start
29	18.0	45.60	60.95	May 28, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
195	13.00	364.83	172.83
196	13.25	378.08	182.08
197	13.50	391.58	191.58
198	13.83	405.42	201.42
199	12.00	417.42	209.42
200	8.42	425.83	213.83
201	9.08	434.92	218.92
202	12.58	447.50	227.50
203	13.33	460.83	236.83
204	14.75	475.58	247.58
205	15.00	490.58	258.58
206	15.17	505.75	269.75
207	15.67	521.42	281.42
208	16.00	537.42	293.42
209	15.67	553.08	305.08
210	15.25	568.33	316.33
211	11.58	579.92	323.92
212	5.75	585.67	325.67

Total Deg. days (0) for July/83 = 340.67

213	6.42	592.08	328.08
214	11.67	603.75	335.75
215	12.33	616.08	344.08
216	12.00	628.08	352.08
217	12.17	640.25	360.25
218	14.75	655.00	371.00
219	15.67	670.67	382.67
220	15.67	686.33	394.33
221	15.17	701.50	405.50
222	14.33	715.83	415.83
223	11.67	727.50	423.50
224	11.67	739.17	431.17
225	15.42	754.58	442.58
226	15.50	770.08	454.08
227	15.50	785.58	465.58
228	15.75	801.33	477.33
229	16.00	817.33	489.33
230	16.00	833.33	501.33
231	16.00	849.33	513.33
232	15.67	865.00	525.00
233	12.17	877.17	533.17
234	5.67	882.83	534.83
235	7.67	890.50	538.50
236	11.42	901.92	545.92
237	13.00	914.92	554.92
238	14.00	928.92	564.92
239	14.00	942.92	574.92
240	14.00	956.92	584.92
241	14.67	971.58	595.58

ISLE MADAME NS ... continued

Station	Depth	Latitude	Longitude	Start
29	18.0	45.60	60.95	May 28, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
242	15.00	986.58	606.58
243	15.00	1001.58	617.58
Total	Deg. days (0) for Aug/83 =	415.92	
244	15.42	1017.00	629.00
245	15.50	1032.50	640.50
246	15.50	1048.00	652.00
247	14.83	1062.83	662.83
248	13.67	1076.50	672.50
249	13.00	1089.50	681.50
250	12.92	1102.42	690.42
251	12.20	1114.62	698.62

FOURCHU NS

Station	Depth	Latitude	Longitude	Start
30	22.0	45.69	60.20	May 2, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
122	0.00	0.00	0.00
123	0.00	0.00	0.00
124	0.00	0.00	0.00
125	0.00	0.00	0.00
126	0.50	0.50	0.00
127	0.50	1.00	0.00
128	0.67	1.67	0.00
129	1.00	2.67	0.00
130	1.08	3.75	0.00
131	1.83	5.58	0.00
132	2.00	7.58	0.00
133	2.00	9.58	0.00
134	2.00	11.58	0.00
135	2.00	13.58	0.00
136	2.00	15.58	0.00
137	2.17	17.75	0.00
138	2.42	20.17	0.00
139	2.00	22.17	0.00
140	2.00	24.17	0.00
141	2.00	26.17	0.00
142	2.08	28.25	0.00
143	2.92	31.17	0.00
144	3.50	34.67	0.00
145	3.92	38.58	0.00
146	4.00	42.58	0.00
147	4.00	46.58	0.00
148	4.00	50.58	0.00
149	3.75	54.33	0.00
150	3.08	57.42	0.00
151	3.08	60.50	0.00

Estimated Deg. days (0) for May/83 = 62.52

152	3.17	63.67	0.00
153	2.58	66.25	0.00
154	2.92	69.17	0.00
155	3.00	72.17	0.00
156	3.00	75.17	0.00
157	3.00	78.17	0.00
158	3.50	81.67	0.00
159	3.50	85.17	0.00
160	3.50	88.67	0.00
161	3.83	92.50	0.08
162	5.33	97.83	1.42
163	5.17	103.00	2.58
164	5.75	108.75	4.33
165	6.00	114.75	6.33
166	6.00	120.75	8.33
167	6.25	127.00	10.58
168	5.67	132.67	12.25

FOURCHU NS ... continued

Station	Depth	Latitude	Longitude	Start
30	22.0	45.69	60.20	May 2, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
169	5.58	138.25	13.83
170	4.33	142.58	14.17
171	4.00	146.58	14.17
172	4.58	151.17	14.75
173	5.17	156.33	15.92
174	6.08	162.42	18.00
175	7.50	169.92	21.50
176	8.00	177.92	25.50
177	8.83	186.75	30.33
178	9.58	196.33	35.92
179	8.00	204.33	39.92
180	8.42	212.75	44.33
181	7.08	219.83	47.42

Total Deg. days (0) for June/83 = 159.33

182	7.00	226.83	50.42
183	5.17	232.00	51.58
184	4.50	236.50	52.08
185	6.50	243.00	54.58
186	7.92	250.92	58.50
187	7.00	257.92	61.50
188	6.75	264.67	64.25
189	7.33	272.00	67.58
190	7.00	279.00	70.58
191	6.25	285.25	72.83
192	6.83	292.08	75.67
193	10.50	302.58	82.17
194	10.50	313.08	88.67
195	6.17	319.25	90.83
196	7.67	326.92	94.50
197	7.33	334.25	97.83
198	7.63	341.88	101.46

Estimated Deg. days (0) for July/83 = 222.55

GABARUS NS

Station	Depth	Latitude	Longitude	Start
31	36.0	45.81	60.05	Aug 1, 1983 08:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
213	10.75	10.75	6.75
214	7.17	17.92	9.92
215	4.58	22.50	10.50
216	5.50	28.00	12.00
217	8.17	36.17	16.17
218	6.75	42.92	18.92
219	5.25	48.17	20.17
220	6.50	54.67	22.67
221	5.67	60.33	24.33
222	5.33	65.67	25.67
223	5.33	71.00	27.00
224	7.92	78.92	30.92
225	12.83	91.75	39.75
226	12.33	104.08	48.08
227	8.83	112.92	52.92
228	5.92	118.83	54.83
229	4.17	123.00	55.00
230	4.50	127.50	55.50
231	5.92	133.42	57.42
232	5.00	138.42	58.42
233	5.67	144.08	60.08
234	6.67	150.75	62.75
235	9.67	160.42	68.42
236	10.00	170.42	74.42
237	13.42	183.83	83.83
238	8.00	191.83	87.83
239	7.92	199.75	91.75
240	9.50	209.25	97.25
241	10.50	219.75	103.75
242	10.00	229.75	109.75
243	9.60	239.35	115.35

Total Deg. days (0) for Aug/83 = 239.35

LOUISBOURG HARBOUR NS

Station	Depth	Latitude	Longitude	Start
32	8.0	45.91	59.97	Sept 7, 1983 18:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
250	13.00	13.00	9.00
251	12.83	25.83	17.83
252	13.08	38.92	26.92
253	13.75	52.67	36.67
254	14.00	66.67	46.67
255	14.50	81.17	57.17
256	14.50	95.67	67.67
257	14.50	110.17	78.17
258	14.50	124.67	88.67
259	14.50	139.17	99.17
260	14.00	153.17	109.17
261	14.00	167.17	119.17
262	14.00	181.17	129.17
263	14.00	195.17	139.17
264	13.50	208.67	148.67
265	12.67	221.33	157.33
266	12.50	233.83	165.83
267	10.42	244.25	172.25
268	11.75	256.00	180.00
269	12.17	268.17	188.17
270	12.17	280.33	196.33
271	12.00	292.33	204.33
272	12.08	304.42	212.42
273	13.00	317.42	221.42

Estimated Deg. days (0) for Sept/83 = 396.77

274	13.00	330.42	230.42
275	13.00	343.42	239.42
276	13.00	356.42	248.42
277	12.92	369.33	257.33
278	12.50	381.83	265.83
279	12.58	394.42	274.42
280	12.50	406.92	282.92
281	12.00	418.92	290.92
282	12.00	430.92	298.92
283	12.00	442.92	306.92
284	12.00	454.92	314.92
285	12.00	466.92	322.92
286	12.00	478.92	330.92
287	12.00	490.92	338.92
288	11.83	502.75	346.75
289	11.50	514.25	354.25
290	11.50	525.75	361.75
291	11.17	536.92	368.92
292	11.00	547.92	375.92
293	11.00	558.92	382.92
294	11.00	569.92	389.92
295	10.58	580.50	396.50
296	10.42	590.92	402.92

LOUISBOURG HARBOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
32	8.0	45.91	59.97	Sept 7, 1983 18:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
297	10.00	600.92	408.92
298	10.00	610.92	414.92
299	9.83	620.75	420.75
300	9.10	629.85	425.85

Estimated Deg. days (0) for Oct/83 = 358.72

MAIN A DIEU NS

Station	Depth	Latitude	Longitude	Start
33	11.0	45.99	59.75	May 25, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
145	5.00	5.00	1.00
146	3.08	8.08	1.00
147	2.67	10.75	1.00
148	3.33	14.08	1.00
149	2.50	16.58	1.00
150	2.25	18.83	1.00
151	2.67	21.50	1.00
152	3.00	24.50	1.00
153	2.92	27.42	1.00
154	3.08	30.50	1.00
155	3.58	34.08	1.00
156	4.67	38.75	1.67
157	4.50	43.25	2.17
158	4.33	47.58	2.67
159	4.50	52.08	3.17
160	4.83	56.92	4.00
161	4.75	61.67	4.75
162	5.42	67.08	6.17
163	5.83	72.92	8.00
164	6.25	79.17	10.25
165	6.42	85.58	12.67
166	6.00	91.58	14.67
167	5.75	97.33	16.42
168	5.92	103.25	18.33
169	5.83	109.08	20.17
170	5.08	114.17	21.25
171	5.67	119.83	22.92
172	6.58	126.42	25.50
173	8.08	134.50	29.58
174	8.42	142.92	34.00
175	7.75	150.67	37.75
176	7.67	158.33	41.42
177	6.67	165.00	44.08
178	6.50	171.50	46.58
179	6.50	178.00	49.08
180	7.00	185.00	52.08
181	6.83	191.83	54.92

Total Deg. days (0) for June/83 = 170.33

182	7.00	198.83	57.92
183	7.83	206.67	61.75
184	8.33	215.00	66.08
185	9.67	224.67	71.75
186	7.67	232.33	75.42
187	8.33	240.67	79.75
188	6.25	246.92	82.00
189	6.50	253.42	84.50
190	5.42	258.83	85.92
191	5.92	264.75	87.83

MAIN A DIEU NS ... continued

Station	Depth	Latitude	Longitude	Start
33	11.0	45.99	59.75	May 25, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
192	7.67	272.42	91.50
193	8.83	281.25	96.33
194	7.75	289.00	100.08
195	7.08	296.08	103.17
196	7.00	303.08	106.17
197	8.50	311.58	110.67
198	8.50	320.08	115.17
199	10.17	330.25	121.33
200	11.83	342.08	129.17
201	12.58	354.67	137.75
202	11.25	365.92	145.00
203	11.42	377.33	152.42
204	9.92	387.25	158.33
205	9.00	396.25	163.33
206	9.33	405.58	168.67
207	8.92	414.50	173.58
208	10.33	424.83	179.92
209	12.58	437.42	188.50
210	9.33	446.75	193.83
211	7.33	454.08	197.17
212	8.42	462.50	201.58

Total Deg. days (0) for July/83 = 270.67

SEAL ISLAND NS

Station	Depth	Latitude	Longitude	Start
34A	8.0	46.19	60.55	Oct 14, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
287	12.00	12.00	8.00
288	12.00	24.00	16.00
289	12.00	36.00	24.00
290	11.67	47.67	31.67
291	11.50	59.17	39.17
292	11.50	70.67	46.67
293	11.50	82.17	54.17
294	11.50	93.67	61.67
295	11.25	104.92	68.92
296	11.00	115.92	75.92
297	10.67	126.58	82.58
298	10.25	136.83	88.83
299	10.00	146.83	94.83
300	9.75	156.58	100.58
301	9.50	166.08	106.08
302	9.67	175.75	111.75
303	9.50	185.25	117.25
304	9.50	194.75	122.75

Estimated Deg. days (0) for Oct/82 = 335.40

305	9.50	204.25	128.25
306	9.50	213.75	133.75
307	9.50	223.25	139.25
308	9.50	232.75	144.75
309	9.50	242.25	150.25
310	9.83	252.08	156.08
311	10.00	262.08	162.08
312	9.50	271.58	167.58
313	9.33	280.92	172.92
314	8.92	289.83	177.83
315	8.50	298.33	182.33
316	8.50	306.83	186.83
317	8.50	315.33	191.33
318	8.50	323.83	195.83
319	8.50	332.33	200.33
320	8.50	340.83	204.83
321	8.00	348.83	208.83
322	8.00	356.83	212.83
323	7.83	364.67	216.67
324	7.50	372.17	220.17
325	7.50	379.67	223.67
326	7.50	387.17	227.17
327	7.50	394.67	230.67
328	7.50	402.17	234.17
329	7.50	409.67	237.67
330	7.33	417.00	241.00
331	7.00	424.00	244.00
332	6.50	430.50	246.50
333	6.00	436.50	248.50

SEAL ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
34A	8.0	46.19	60.55	Oct 14, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
334	5.58	442.08	250.08
Total Deg. days (0) for Nov/82 =		247.33	
335	5.50	447.58	251.58
336	5.50	453.08	253.08
337	5.50	458.58	254.58
338	5.50	464.08	256.08
339	5.50	469.58	257.58
340	5.50	475.08	259.08
341	5.50	480.58	260.58
342	5.50	486.08	262.08
343	5.33	491.42	263.42
344	4.92	496.33	264.33
345	4.50	500.83	264.83
346	4.00	504.83	264.83
347	3.92	508.75	264.83
348	3.50	512.25	264.83
349	3.50	515.75	264.83
350	3.50	519.25	264.83
351	3.50	522.75	264.83
352	3.50	526.25	264.83
353	3.00	529.25	264.83
354	3.00	532.25	264.83
355	3.00	535.25	264.83
356	3.00	538.25	264.83
357	3.00	541.25	264.83
358	2.92	544.17	264.83
359	2.50	546.67	264.83
360	2.50	549.17	264.83
361	2.50	551.67	264.83
362	2.50	554.17	264.83
363	2.50	556.67	264.83
364	3.00	559.67	264.83
365	3.00	562.67	264.83
Total Deg. days (0) for Dec/82 =		120.58	
1	2.50	565.17	264.83
2	2.50	567.67	264.83
3	2.50	570.17	264.83
4	2.00	572.17	264.83
5	1.83	574.00	264.83
6	1.50	575.50	264.83
7	1.50	577.00	264.83
8	1.50	578.50	264.83
9	1.50	580.00	264.83
10	1.50	581.50	264.83
11	1.50	583.00	264.83
12	1.50	584.50	264.83

SEAL ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
34A	8.0	46.19	60.55	Oct 14, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
13	1.50	586.00	264.83
14	1.50	587.50	264.83
15	1.50	589.00	264.83
16	1.50	590.50	264.83
17	1.50	592.00	264.83
18	1.50	593.50	264.83
19	1.50	595.00	264.83
20	1.50	596.50	264.83
21	1.33	597.83	264.83
22	1.00	598.83	264.83
23	1.00	599.83	264.83
24	1.00	600.83	264.83
25	1.00	601.83	264.83
26	1.00	602.83	264.83
27	1.00	603.83	264.83
28	0.92	604.75	264.83
29	0.50	605.25	264.83
30	0.50	605.75	264.83
31	0.50	606.25	264.83
Total	Deg. days (0) for Jan/83 =	43.58	
32	0.50	606.75	264.83
33	0.50	607.25	264.83
34	0.50	607.75	264.83
35	0.50	608.25	264.83
36	0.50	608.75	264.83
37	0.50	609.25	264.83
38	0.50	609.75	264.83
39	0.50	610.25	264.83
40	0.08	610.33	264.83
41	0.33	610.67	264.83
42	0.50	611.17	264.83
43	0.50	611.67	264.83
44	0.00	611.67	264.83
45	0.00	611.67	264.83
46	0.00	611.67	264.83
47	-0.25	611.67	264.83
48	-0.50	611.67	264.83
49	-0.17	611.67	264.83
50	0.00	611.67	264.83
51	0.00	611.67	264.83
52	-0.25	611.67	264.83
53	-0.50	611.67	264.83
54	-0.50	611.67	264.83
55	-0.50	611.67	264.83
56	-0.50	611.67	264.83
57	-0.50	611.67	264.83
58	-0.75	611.67	264.83
59	-0.92	611.67	264.83
Total	Deg. days (0) for Feb/83 =	5.42	

SEAL ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
34A	8.0	46.19	60.55	Oct 14, 1982 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
60	-0.50	611.67	264.83
61	-0.50	611.67	264.83
62	-0.50	611.67	264.83
63	-0.50	611.67	264.83
64	-0.50	611.67	264.83
65	-0.33	611.67	264.83
66	0.00	611.67	264.83
67	-0.25	611.67	264.83
68	-0.50	611.67	264.83
69	-0.08	611.67	264.83
70	0.00	611.67	264.83
71	-0.08	611.67	264.83
72	-0.50	611.67	264.83
73	-0.25	611.67	264.83
74	-0.42	611.67	264.83
75	0.00	611.67	264.83
76	0.00	611.67	264.83
77	0.00	611.67	264.83
78	0.25	611.92	264.83
79	0.42	612.33	264.83
80	0.00	612.33	264.83
81	0.67	613.00	264.83
82	0.83	613.83	264.83
83	1.33	615.17	264.83
84	1.50	616.67	264.83
85	1.25	617.92	264.83
86	0.50	618.42	264.83
87	0.92	619.33	264.83
88	1.00	620.33	264.83
89	0.92	621.25	264.83
90	1.00	622.25	264.83

Total Deg. days (0) for Mar/83 = 10.58

91	0.92	623.17	264.83
92	1.50	624.67	264.83
93	1.58	626.25	264.83
94	1.50	627.75	264.83
95	1.25	629.00	264.83
96	2.00	631.00	264.83
97	2.00	633.00	264.83
98	2.25	635.25	264.83
99	3.00	638.25	264.83
100	2.67	640.92	264.83
101	3.00	643.92	264.83
102	3.58	647.50	264.83
103	3.58	651.08	264.83
104	3.67	654.75	264.83
105	4.42	659.17	265.25
106	4.50	663.67	265.75

SEAL ISLAND NS

Station	Depth	Latitude	Longitude	Start
34B	8.0	46.19	60.55	Jan 25, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
25	1.00	1.00	0.00
26	1.00	2.00	0.00
27	0.75	2.75	0.00
28	0.50	3.25	0.00
29	0.25	3.50	0.00
30	0.00	3.50	0.00
31	0.00	3.50	0.00
32	0.00	3.50	0.00
33	0.00	3.50	0.00
34	0.00	3.50	0.00
35	0.25	3.75	0.00
36	0.50	4.25	0.00
37	0.50	4.75	0.00
38	0.25	5.00	0.00
39	0.00	5.00	0.00
40	0.00	5.00	0.00
41	0.00	5.00	0.00
42	0.00	5.00	0.00
43	0.00	5.00	0.00
44	-0.50	5.00	0.00
45	-0.50	5.00	0.00
46	-0.50	5.00	0.00
47	-0.50	5.00	0.00
48	-0.50	5.00	0.00
49	-0.50	5.00	0.00
50	-0.50	5.00	0.00
51	-0.50	5.00	0.00
52	-0.50	5.00	0.00
53	-0.50	5.00	0.00
54	-0.50	5.00	0.00
55	-0.75	5.00	0.00
56	-1.00	5.00	0.00
57	-1.00	5.00	0.00
58	-1.00	5.00	0.00
59	-1.00	5.00	0.00

Total Deg. days (0) for Feb/83 = 1.50

60	-1.00	5.00	0.00
61	-1.00	5.00	0.00
62	-1.00	5.00	0.00
63	-1.00	5.00	0.00
64	-1.00	5.00	0.00
65	-0.92	5.00	0.00
66	-0.50	5.00	0.00
67	-0.50	5.00	0.00
68	-0.50	5.00	0.00
69	-0.50	5.00	0.00
70	-0.50	5.00	0.00
71	-0.50	5.00	0.00

SEAL ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
34B	8.0	46.19	60.55	Jan 25, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
72	-0.50	5.00	0.00
73	-0.50	5.00	0.00
74	-0.42	5.00	0.00
75	0.00	5.00	0.00
76	0.00	5.00	0.00
77	0.00	5.00	0.00
78	0.00	5.00	0.00
79	0.00	5.00	0.00
80	-0.42	5.00	0.00
81	0.00	5.00	0.00
82	0.25	5.25	0.00
83	0.92	6.17	0.00
84	1.00	7.17	0.00
85	0.58	7.75	0.00
86	0.17	7.92	0.00
87	0.42	8.33	0.00
88	0.50	8.83	0.00
89	0.50	9.33	0.00
90	0.17	9.50	0.00

Total Deg. days (0) for Mar/83 = 4.50

91	0.00	9.50	0.00
92	0.25	9.75	0.00
93	0.08	9.83	0.00
94	0.50	10.33	0.00
95	0.50	10.83	0.00
96	0.50	11.33	0.00
97	0.50	11.83	0.00
98	0.50	12.33	0.00
99	0.67	13.00	0.00
100	1.00	14.00	0.00
101	1.08	15.08	0.00
102	1.50	16.58	0.00

Estimated Deg. days (0) for Apr/83 = 17.71

SEAL ISLAND NS

Station	Depth	Latitude	Longitude	Start
34C	6.0	46.19	60.55	May 11, 1983 04:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
131	16.50	16.50	12.50
132	16.50	33.00	25.00
133	16.50	49.50	37.50
134	16.50	66.00	50.00
135	16.00	82.00	62.00
136	16.00	98.00	74.00
137	16.00	114.00	86.00
138	16.00	130.00	98.00
139	16.00	146.00	110.00
140	16.00	162.00	122.00
141	16.00	178.00	134.00
142	16.42	194.42	146.42
143	16.50	210.92	158.92
144	16.50	227.42	171.42
145	16.83	244.25	184.25
146	17.00	261.25	197.25
147	17.00	278.25	210.25
148	17.00	295.25	223.25
149	17.00	312.25	236.25
150	17.00	329.25	249.25
151	17.00	346.25	262.25

Estimated Deg. days (0) for May/83 = 511.13

152	17.00	363.25	275.25
153	17.00	380.25	288.25
154	17.00	397.25	301.25
155	17.00	414.25	314.25
156	16.75	431.00	327.00
157	16.50	447.50	339.50
158	16.83	464.33	352.33
159	17.00	481.33	365.33
160	17.00	498.33	378.33
161	17.25	515.58	391.58
162	17.50	533.08	405.08
163	17.50	550.58	418.58
164	17.50	568.08	432.08
165	17.42	585.50	445.50
166	17.00	602.50	458.50
167	17.00	619.50	471.50
168	17.00	636.50	484.50
169	17.00	653.50	497.50
170	17.00	670.50	510.50
171	17.00	687.50	523.50
172	17.00	704.50	536.50
173	17.00	721.50	549.50
174	16.75	738.25	562.25
175	16.50	754.75	574.75
176	16.50	771.25	587.25
177	16.50	787.75	599.75

SEAL ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
34C	6.0	46.19	60.55	May 11, 1983 04:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
178	16.50	804.25	612.25
179	16.83	821.08	625.08
180	17.00	838.08	638.08
181	17.00	855.08	651.08
Total	Deg. days (0) for June/83 =	508.83	
182	17.00	872.08	664.08
183	17.00	889.08	677.08
184	16.75	905.83	689.83
185	16.50	922.33	702.33
186	16.50	938.83	714.83
187	16.50	955.33	727.33
188	16.50	971.83	739.83
189	16.50	988.33	752.33
190	16.33	1004.67	764.67
191	16.00	1020.67	776.67
192	16.00	1036.67	788.67
193	16.00	1052.67	800.67
194	16.00	1068.67	812.67
195	16.00	1084.67	824.67
196	16.00	1100.67	836.67
197	16.00	1116.67	848.67
Estimated	Deg. days (0) for July/83 =	506.82	

SEAL ISLAND NS

Station	Depth	Latitude	Longitude	Start
34D	9.0	46.19	60.55	Aug 4, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
216	18.00	18.00	14.00
217	18.00	36.00	28.00
218	18.00	54.00	42.00
219	18.00	72.00	56.00
220	18.00	90.00	70.00
221	18.00	108.00	84.00
222	18.00	126.00	98.00
223	18.00	144.00	112.00
224	17.75	161.75	125.75
225	17.50	179.25	139.25
226	17.50	196.75	152.75
227	17.50	214.25	166.25
228	17.67	231.92	179.92
229	18.00	249.92	193.92
230	18.00	267.92	207.92
231	18.00	285.92	221.92
232	18.00	303.92	235.92
233	18.00	321.92	249.92
234	18.00	339.92	263.92
235	17.92	357.83	277.83
236	17.50	375.33	291.33
237	17.50	392.83	304.83
238	17.50	410.33	318.33
239	17.50	427.83	331.83
240	17.50	445.33	345.33
241	17.50	462.83	358.83
242	17.42	480.25	372.25
243	17.00	497.25	385.25

Estimated Deg. days (0) for Aug/83 = 550.53

244	17.00	514.25	398.25
245	17.00	531.25	411.25
246	17.00	548.25	424.25
247	17.17	565.42	437.42
248	17.50	582.92	450.92
249	17.50	600.42	464.42
250	17.50	617.92	477.92
251	17.92	635.83	491.83
252	17.42	653.25	505.25
253	17.00	670.25	518.25
254	17.00	687.25	531.25
255	17.25	704.50	544.50
256	17.17	721.67	557.67
257	17.00	738.67	570.67
258	17.00	755.67	583.67
259	17.00	772.67	596.67
260	17.00	789.67	609.67
261	16.83	806.50	622.50
262	16.50	823.00	635.00

SEAL ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
34D	9.0	46.19	60.55	Aug 4, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
263	16.75	839.75	647.75
264	17.00	856.75	660.75

Estimated Deg. days (0) for Sept/83 = 513.57

ENGLISHTOWN NS

Station	Depth	Latitude	Longitude	Start
35	11.0	46.30	60.36	June 21, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
172	10.67	10.67	6.67
173	11.58	22.25	14.25
174	12.00	34.25	22.25
175	12.50	46.75	30.75
176	12.58	59.33	39.33
177	12.67	72.00	48.00
178	12.92	84.92	56.92
179	12.83	97.75	65.75
180	13.17	110.92	74.92
181	13.50	124.42	84.42
Estimated	Deg. days (0) for June/83 =	373.25	
182	13.67	138.08	94.08
183	13.58	151.67	103.67
184	12.83	164.50	112.50
185	13.50	178.00	122.00
186	14.58	192.58	132.58
187	14.00	206.58	142.58
188	14.33	220.92	152.92
189	14.00	234.92	162.92
190	15.17	250.08	174.08
191	14.50	264.58	184.58
192	14.25	278.83	194.83
193	14.75	293.58	205.58
194	14.75	308.33	216.33
195	15.00	323.33	227.33
196	15.00	338.33	238.33
197	15.08	353.42	249.42
198	15.08	368.50	260.50
199	15.33	383.83	271.83
200	15.75	399.58	283.58
201	16.00	415.58	295.58
202	15.67	431.25	307.25
203	15.75	447.00	319.00
204	15.67	462.67	330.67
205	15.83	478.50	342.50
206	16.08	494.58	354.58
207	16.00	510.58	366.58
208	16.08	526.67	378.67
209	16.33	543.00	391.00
210	16.00	559.00	403.00
211	16.08	575.08	415.08
212	16.08	591.17	427.17
Total	Deg. days (0) for July/83 =	466.75	
213	16.33	607.50	439.50
214	16.67	624.17	452.17
215	16.83	641.00	465.00

ENGLISHTOWN NS ... continued

Station	Depth	Latitude	Longitude	Start
35	11.0	46.30	60.36	June 21, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
216	16.75	657.75	477.75
217	16.42	674.17	490.17
218	16.42	690.58	502.58
219	16.42	707.00	515.00
220	16.17	723.17	527.17
221	16.75	739.92	539.92
222	16.17	756.08	552.08
223	16.08	772.17	564.17
224	16.00	788.17	576.17
225	15.50	803.67	587.67
226	16.00	819.67	599.67
227	16.00	835.67	611.67
228	16.17	851.83	623.83
229	17.17	869.00	637.00
230	17.17	886.17	650.17
231	16.67	902.83	662.83
232	17.17	920.00	676.00
233	17.17	937.17	689.17
234	16.83	954.00	702.00
235	16.67	970.67	714.67
236	16.33	987.00	727.00
237	16.42	1003.42	739.42
238	16.42	1019.83	751.83
239	16.08	1035.92	763.92
240	16.08	1052.00	776.00
241	16.00	1068.00	788.00
242	16.00	1084.00	800.00
243	16.00	1100.00	812.00

Total Deg. days (0) for Aug/83 = 508.83

244	16.00	1116.00	824.00
245	16.00	1132.00	836.00
246	16.00	1148.00	848.00
247	16.00	1164.00	860.00
248	16.42	1180.42	872.42
249	16.25	1196.67	884.67
250	16.58	1213.25	897.25
251	15.92	1229.17	909.17
252	15.67	1244.83	920.83
253	15.17	1260.00	932.00
254	15.00	1275.00	943.00
255	15.33	1290.33	954.33
256	15.50	1305.83	965.83
257	15.50	1321.33	977.33
258	15.08	1336.42	988.42
259	15.00	1351.42	999.42
260	15.00	1366.42	1010.42
261	15.00	1381.42	1021.42
262	15.00	1396.42	1032.42

ENGLISHTOWN NS ... continued

Station	Depth	Latitude	Longitude	Start
35	11.0	46.30	60.36	June 21, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
263	15.00	1411.42	1043.42
264	15.00	1426.42	1054.42
265	15.00	1441.42	1065.42
266	14.67	1456.08	1076.08

Estimated Deg. days (0) for Sept/83 = 464.46

SECTION 11

AREA 2: GULF

MEAN DAILY TEMPERATURES, DEGREE DAYS

PICTOU ISLAND NS

Station	Depth	Latitude	Longitude	Start
38	19.0	45.81	62.45	May 20, 1983 08:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
140	6.25	6.25	2.25
141	5.42	11.67	3.67
142	6.58	18.25	6.25
143	6.50	24.75	8.75
144	4.67	29.42	9.42
145	3.92	33.33	9.50
146	4.00	37.33	9.50
147	4.08	41.42	9.58
148	4.17	45.58	9.75
149	4.33	49.92	10.08
150	5.17	55.08	11.25
151	5.00	60.08	12.25
Estimated	Deg. days (0) for May/83 =	155.22	
152	5.58	65.67	13.83
153	7.00	72.67	16.83
154	7.58	80.25	20.42
155	7.83	88.08	24.25
156	8.50	96.58	28.75
157	8.92	105.50	33.67
158	7.42	112.92	37.08
159	8.83	121.75	41.92
160	9.50	131.25	47.42
161	9.83	141.08	53.25
162	9.67	150.75	58.92
163	9.83	160.58	64.75
164	9.67	170.25	70.42
165	10.42	180.67	76.83
166	9.00	189.67	81.83
167	9.75	199.42	87.58
168	9.83	209.25	93.42
169	10.50	219.75	99.92
170	11.75	231.50	107.67
171	12.83	244.33	116.50
172	14.08	258.42	126.58
173	13.83	272.25	136.42
174	13.50	285.75	145.92
175	14.00	299.75	155.92
176	14.00	313.75	165.92
177	13.75	327.50	175.67
178	12.25	339.75	183.92
179	13.33	353.08	193.25
180	14.08	367.17	203.33
181	14.33	381.50	213.67
Total	Deg. days (0) for June/83 =	321.42	
182	13.92	395.42	223.58
183	14.08	409.50	233.67

PICTOU ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
38	19.0	45.81	62.45	May 20, 1983 08:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
184	14.58	424.08	244.25
185	15.00	439.08	255.25
186	15.25	454.33	266.50
187	15.92	470.25	278.42
188	16.92	487.17	291.33
189	16.58	503.75	303.92
190	16.00	519.75	315.92
191	16.00	535.75	327.92
192	15.67	551.42	339.58
193	15.75	567.17	351.33
194	16.00	583.17	363.33
195	15.58	598.75	374.92
196	15.50	614.25	386.42
197	15.50	629.75	397.92
198	15.75	645.50	409.67
199	16.00	661.50	421.67
200	16.00	677.50	433.67
201	16.00	693.50	445.67
202	16.25	709.75	457.92
203	16.25	726.00	470.17
204	15.75	741.75	481.92
205	16.00	757.75	493.92
206	16.00	773.75	505.92
207	16.08	789.83	518.00
208	16.58	806.42	530.58
209	17.00	823.42	543.58
210	17.00	840.42	556.58
211	17.00	857.42	569.58
212	17.00	874.42	582.58

Total Deg. days (0) for July/83 = 492.92

213	16.92	891.33	595.50
214	16.08	907.42	607.58
215	17.50	924.92	621.08
216	17.67	942.58	634.75
217	17.67	960.25	648.42
218	16.08	976.33	660.50
219	16.58	992.92	673.08
220	17.17	1010.08	686.25
221	14.83	1024.92	697.08
222	16.67	1041.58	709.75
223	17.00	1058.58	722.75
224	16.08	1074.67	734.83
225	15.92	1090.58	746.75
226	16.00	1106.58	758.75
227	15.25	1121.83	770.00
228	15.08	1136.92	781.08
229	15.92	1152.83	793.00
230	17.00	1169.83	806.00

PICTOU ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
38	19.0	45.81	62.45	May 20, 1983 08:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
231	16.83	1186.67	818.83
232	17.83	1204.50	832.67
233	17.40	1221.90	846.07

Estimated Deg. days (0) for Aug/83 = 512.95

VICTORIA PEI

Station	Depth	Latitude	Longitude	Start
40	11.0	46.18	63.48	Apr 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
118	8.00	8.00	4.00
119	8.00	16.00	8.00
120	7.75	23.75	11.75
121	6.17	29.92	13.92
122	5.17	35.08	15.08
123	4.92	40.00	16.00
124	5.83	45.83	17.83
125	6.17	52.00	20.00
126	4.25	56.25	20.50
127	4.67	60.92	21.25
128	5.83	66.75	23.08
129	7.33	74.08	26.42
130	7.50	81.58	29.92
131	7.50	89.08	33.42
132	7.92	97.00	37.33
133	8.00	105.00	41.33
134	8.42	113.42	45.75
135	8.50	121.92	50.25
136	8.00	129.92	54.25
137	8.00	137.92	58.25
138	8.17	146.08	62.42
139	8.08	154.17	66.50
140	8.67	162.83	71.17
141	8.92	171.75	76.08
142	9.83	181.58	81.92
143	9.83	191.42	87.75
144	8.33	199.75	92.08
145	7.42	207.17	95.50
146	8.67	215.83	100.17
147	9.67	225.50	105.83
148	10.00	235.50	111.83
149	10.50	246.00	118.33
150	11.00	257.00	125.33
151	11.50	268.50	132.83

Total Deg. days (0) for May/83 = 244.75

152	11.33	279.83	140.17
153	10.75	290.58	146.92
154	10.00	300.58	152.92
155	8.42	309.00	157.33
156	7.08	316.08	160.42
157	8.08	324.17	164.50
158	9.25	333.42	169.75
159	10.42	343.83	176.17
160	10.42	354.25	182.58
161	11.58	365.83	190.17
162	14.17	380.00	200.33
163	12.58	392.58	208.92
164	10.58	403.17	215.50

VICTORIA PEI ... continued

Station	Depth	Latitude	Longitude	Start
40	11.0	46.18	63.48	Apr 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
165	11.67	414.83	223.17
166	12.58	427.42	231.75
167	13.17	440.58	240.92
168	13.25	453.83	250.17
169	14.58	468.42	260.75
170	15.58	484.00	272.33
171	16.33	500.33	284.67
172	16.67	517.00	297.33
173	16.67	533.67	310.00
174	17.83	551.50	323.83
175	17.17	568.67	337.00
176	16.92	585.58	349.92
177	16.92	602.50	362.83
178	16.83	619.33	375.67
179	17.00	636.33	388.67
180	17.00	653.33	401.67
181	16.33	669.67	414.00

Total Deg. days (0) for June/83 = 401.17

182	16.33	686.00	426.33
183	15.67	701.67	438.00
184	14.75	716.42	448.75
185	16.08	732.50	460.83
186	17.00	749.50	473.83
187	17.00	766.50	486.83
188	17.00	783.50	499.83
189	17.00	800.50	512.83
190	17.42	817.92	526.25
191	17.50	835.42	539.75
192	17.50	852.92	553.25
193	17.50	870.42	566.75
194	17.92	888.33	580.67
195	18.00	906.33	594.67
196	18.00	924.33	608.67
197	18.00	942.33	622.67
198	18.50	960.83	637.17
199	18.50	979.33	651.67
200	18.42	997.75	666.08
201	18.08	1015.83	680.17
202	18.83	1034.67	695.00
203	19.00	1053.67	710.00
204	19.00	1072.67	725.00
205	19.50	1092.17	740.50
206	19.42	1111.58	755.92
207	18.67	1130.25	770.58
208	17.58	1147.83	784.17
209	17.50	1165.33	797.67
210	17.50	1182.83	811.17
211	17.92	1200.75	825.08

VICTORIA PEI ... continued

Station	Depth	Latitude	Longitude	Start
40	11.0	46.18	63.48	Apr 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
212	18.00	1218.75	839.08
Total	Deg. days (0) for July/83 =	549.08	
213	18.00	1236.75	853.08
214	17.42	1254.17	866.50
215	16.58	1270.75	879.08
216	16.50	1287.25	891.58
217	16.75	1304.00	904.33
218	17.00	1321.00	917.33
219	16.67	1337.67	930.00
220	15.83	1353.50	941.83
221	17.67	1371.17	955.50
222	18.00	1389.17	969.50
223	18.00	1407.17	983.50
224	17.67	1424.83	997.17
225	17.58	1442.42	1010.75
226	18.00	1460.42	1024.75
227	18.00	1478.42	1038.75
228	18.00	1496.42	1052.75
229	18.00	1514.42	1066.75
230	18.00	1532.42	1080.75
231	17.08	1549.50	1093.83
232	17.42	1566.92	1107.25
233	17.50	1584.42	1120.75
234	17.75	1602.17	1134.50
235	18.00	1620.17	1148.50
236	17.58	1637.75	1162.08
237	16.75	1654.50	1174.83
238	17.00	1671.50	1187.83
239	17.00	1688.50	1200.83
240	17.00	1705.50	1213.83
241	17.00	1722.50	1226.83
242	17.00	1739.50	1239.83
243	17.00	1756.50	1252.83
Total	Deg. days (0) for Aug/83 =	537.75	
244	17.00	1773.50	1265.83
245	16.83	1790.33	1278.67
246	16.50	1806.83	1291.17
247	16.50	1823.33	1303.67
248	16.50	1839.83	1316.17
249	16.83	1856.67	1329.00
250	17.00	1873.67	1342.00
251	17.00	1890.67	1355.00
252	17.00	1907.67	1368.00
253	17.00	1924.67	1381.00
254	16.83	1941.50	1393.83
255	16.25	1957.75	1406.08

VICTORIA PEI ... continued

Station	Depth	Latitude	Longitude	Start
40	11.0	46.18	63.48	Apr 28, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
256	15.83	1973.58	1417.92
257	15.50	1989.08	1429.42
258	15.50	2004.58	1440.92

Estimated Deg. days (0) for Sept/83 = 496.17

BORDEN PEI

Station	Depth	Latitude	Longitude	Start
41	0.0	46.32	63.73	June 23, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
174	12.75	12.75	8.75
175	11.67	24.42	16.42
176	10.83	35.25	23.25
177	11.58	46.83	30.83
178	13.17	60.00	40.00
179	12.58	72.58	48.58
180	12.83	85.42	57.42
181	13.67	99.08	67.08
182	14.33	113.42	77.42
183	14.08	127.50	87.50
184	14.58	142.08	98.08
185	14.50	156.58	108.58
186	16.75	173.33	121.33
187	17.33	190.67	134.67
188	15.17	205.83	145.83
189	15.17	221.00	157.00
190	16.17	237.17	169.17
191	16.00	253.17	181.17
192	15.67	268.83	192.83
193	16.50	285.33	205.33
194	16.25	301.58	217.58
195	16.75	318.33	230.33
196	16.08	334.42	242.42
197	17.00	351.42	255.42
198	17.17	368.58	268.58
199	16.50	385.08	281.08
200	16.33	401.42	293.42
201	16.25	417.67	305.67
202	16.50	434.17	318.17
203	16.75	450.92	330.92
204	16.17	467.08	343.08
205	16.33	483.42	355.42
206	18.17	501.58	369.58
207	17.33	518.92	382.92
208	17.42	536.33	396.33
209	17.67	554.00	410.00
210	17.58	571.58	423.58
211	17.50	589.08	437.08
212	17.67	606.75	450.75

Total Deg. days (0) for July/83 = 507.67

213	18.50	625.25	465.25
214	18.75	644.00	480.00
215	18.25	662.25	494.25
216	18.50	680.75	508.75
217	18.33	699.08	523.08
218	19.33	718.42	538.42
219	19.00	737.42	553.42
220	19.00	756.42	568.42

BORDEN PEI ... continued

Station	Depth	Latitude	Longitude	Start
41	0.0	46.32	63.73	June 23, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
221	19.42	775.83	583.83
222	19.17	795.00	599.00
223	18.33	813.33	613.33
224	17.83	831.17	627.17
225	17.17	848.33	640.33
226	17.67	866.00	654.00
227	18.33	884.33	668.33
228	18.92	903.25	683.25
229	18.83	922.08	698.08
230	18.50	940.58	712.58
231	18.42	959.00	727.00
232	18.08	977.08	741.08
233	17.25	994.33	754.33
234	17.42	1011.75	767.75
235	18.00	1029.75	781.75
236	18.00	1047.75	795.75
237	17.75	1065.50	809.50
238	17.67	1083.17	823.17
239	17.50	1100.67	836.67
240	17.58	1118.25	850.25
241	17.42	1135.67	863.67
242	17.25	1152.92	876.92
243	17.00	1169.92	889.92

Total Deg. days (0) for Aug/83 = 563.17

244	17.00	1186.92	902.92
245	17.00	1203.92	915.92
246	17.00	1220.92	928.92
247	17.25	1238.17	942.17
248	18.08	1256.25	956.25
249	18.33	1274.58	970.58
250	18.75	1293.33	985.33
251	18.50	1311.83	999.83
252	17.58	1329.42	1013.42
253	17.50	1346.92	1026.92
254	17.00	1363.92	1039.92
255	17.17	1381.08	1053.08
256	17.25	1398.33	1066.33
257	16.75	1415.08	1079.08
258	16.17	1431.25	1091.25
259	15.83	1447.08	1103.08
260	15.67	1462.75	1114.75
261	15.17	1477.92	1125.92
262	15.00	1492.92	1136.92
263	15.25	1508.17	1148.17
264	16.50	1524.67	1160.67
265	17.00	1541.67	1173.67
266	16.75	1558.42	1186.42
267	16.08	1574.50	1198.50

BORDEN PEI ... continued

Station	Depth	Latitude	Longitude	Start
41	0.0	46.32	63.73	June 23, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
268	15.83	1590.33	1210.33
269	15.67	1606.00	1222.00
270	15.17	1621.17	1233.17
271	14.75	1635.92	1243.92
272	14.50	1650.42	1254.42
273	14.67	1665.08	1265.08
Total	Deg. days (0) for Sept/83 =	495.17	
274	15.00	1680.08	1276.08
275	15.00	1695.08	1287.08
276	15.17	1710.25	1298.25
277	15.50	1725.75	1309.75
278	14.50	1740.25	1320.25
279	14.00	1754.25	1330.25
280	14.00	1768.25	1340.25
281	13.83	1782.08	1350.08
282	13.33	1795.42	1359.42
283	13.00	1808.42	1368.42
284	12.58	1821.00	1377.00
285	12.33	1833.33	1385.33
286	13.00	1846.33	1394.33
287	13.67	1860.00	1404.00
288	13.33	1873.33	1413.33
289	12.42	1885.75	1421.75
290	11.92	1897.67	1429.67
291	11.08	1908.75	1436.75
292	11.00	1919.75	1443.75
293	10.75	1930.50	1450.50
294	10.00	1940.50	1456.50
295	10.00	1950.50	1462.50
296	10.00	1960.50	1468.50
297	9.67	1970.17	1474.17
298	9.25	1979.42	1479.42
299	9.00	1988.42	1484.42
300	9.00	1997.42	1489.42
301	9.00	2006.42	1494.42
302	8.58	2015.00	1499.00
303	7.50	2022.50	1502.50
304	7.00	2029.50	1505.50
Total	Deg. days (0) for Oct/83 =	364.42	
305	7.08	2036.58	1508.58
306	7.58	2044.17	1512.17
307	7.75	2051.92	1515.92
308	7.92	2059.83	1519.83
309	7.08	2066.92	1522.92
310	7.08	2074.00	1526.00
311	8.00	2082.00	1530.00

BORDEN PEI ... continued

Station	Depth	Latitude	Longitude	Start
41	0.0	46.32	63.73	June 23, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
312	7.08	2089.08	1533.08
313	6.50	2095.58	1535.58
314	6.25	2101.83	1537.83
315	6.00	2107.83	1539.83
316	6.58	2114.42	1542.42
317	6.50	2120.92	1544.92
318	5.08	2126.00	1546.00
319	5.00	2131.00	1547.00
320	5.00	2136.00	1548.00
321	5.08	2141.08	1549.08
322	5.50	2146.58	1550.58
323	5.00	2151.58	1551.58
324	4.08	2155.67	1551.67
325	4.00	2159.67	1551.67
326	3.67	2163.33	1551.67
327	3.50	2166.83	1551.67

Estimated Deg. days (0) for Nov/83 = 179.13

EGMONT BAY PEI

Station	Depth	Latitude	Longitude	Start
43	12.0	46.38	64.13	May 18, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
138	13.00	13.00	9.00
139	13.33	26.33	18.33
140	13.00	39.33	27.33
141	13.00	52.33	36.33
142	13.58	65.92	45.92
143	14.75	80.67	56.67
144	13.75	94.42	66.42
145	13.75	108.17	76.17
146	13.25	121.42	85.42
147	14.17	135.58	95.58
148	14.00	149.58	105.58
149	14.00	163.58	115.58
150	14.00	177.58	125.58
151	14.00	191.58	135.58

Estimated Deg. days (0) for May/83 = 424.22

152	14.58	206.17	146.17
153	14.67	220.83	156.83
154	14.00	234.83	166.83
155	14.00	248.83	176.83
156	14.00	262.83	186.83
157	14.25	277.08	197.08
158	15.42	292.50	208.50
159	15.00	307.50	219.50
160	15.00	322.50	230.50
161	15.00	337.50	241.50
162	15.33	352.83	252.83
163	16.08	368.92	264.92
164	16.58	385.50	277.50
165	16.00	401.50	289.50
166	16.00	417.50	301.50
167	16.00	433.50	313.50
168	16.67	450.17	326.17
169	16.00	466.17	338.17
170	16.00	482.17	350.17
171	15.67	497.83	361.83
172	15.83	513.67	373.67
173	16.00	529.67	385.67
174	16.00	545.67	397.67
175	15.92	561.58	409.58
176	16.42	578.00	422.00
177	16.92	594.92	434.92
178	17.00	611.92	447.92
179	17.00	628.92	460.92
180	17.00	645.92	473.92
181	17.67	663.58	487.58

Total Deg. days (0) for June/83 = 472.00

EGMONT BAY PEI ... continued

Station	Depth	Latitude	Longitude	Start
43	12.0	46.38	64.13	May 18, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
182	17.92	681.50	501.50
183	17.92	699.42	515.42
184	18.00	717.42	529.42
185	18.00	735.42	543.42
186	17.75	753.17	557.17
187	17.75	770.92	570.92
188	17.75	788.67	584.67
189	17.50	806.17	598.17
190	17.70	823.87	611.87
191	17.83	841.70	625.70
192	17.92	859.62	639.62
193	18.00	877.62	653.62
194	17.92	895.53	667.53
195	17.83	913.37	681.37
196	18.17	931.53	695.53
197	17.92	949.45	709.45
198	18.00	967.45	723.45
199	17.50	984.95	736.95
200	17.75	1002.70	750.70
201	18.00	1020.70	764.70
202	18.00	1038.70	778.70
203	18.25	1056.95	792.95
204	18.83	1075.78	807.78
205	19.00	1094.78	822.78
206	19.00	1113.78	837.78
207	18.50	1132.28	852.28
208	18.50	1150.78	866.78
209	18.50	1169.28	881.28
210	18.75	1188.03	896.03
211	19.00	1207.03	911.03
212	19.00	1226.03	926.03

Total Deg. days (0) for July/83 = 562.45

213	19.00	1245.03	941.03
214	19.00	1264.03	956.03
215	19.00	1283.03	971.03
216	19.00	1302.03	986.03
217	19.00	1321.03	1001.03
218	19.00	1340.03	1016.03
219	18.83	1358.87	1030.87
220	18.08	1376.95	1044.95
221	18.00	1394.95	1058.95
222	18.25	1413.20	1073.20
223	18.67	1431.87	1087.87
224	19.75	1451.62	1103.62
225	19.00	1470.62	1118.62
226	19.00	1489.62	1133.62
227	18.25	1507.87	1147.87
228	17.25	1525.12	1161.12

EGMONT BAY PEI ... continued

Station	Depth	Latitude	Longitude	Start
43	12.0	46.38	64.13	May 18, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
229	15.08	1540.20	1172.20
230	15.00	1555.20	1183.20
231	15.00	1570.20	1194.20
232	15.00	1585.20	1205.20
233	15.00	1600.20	1216.20
234	15.17	1615.37	1227.37
235	15.75	1631.12	1239.12
236	16.00	1647.12	1251.12
237	16.00	1663.12	1263.12
238	16.00	1679.12	1275.12
239	16.50	1695.62	1287.62
240	16.92	1712.53	1300.53
241	17.00	1729.53	1313.53
242	17.00	1746.53	1326.53
243	17.00	1763.53	1339.53

Total Deg. days (0) for Aug/83 = 537.50

244	17.00	1780.53	1352.53
245	17.00	1797.53	1365.53
246	17.00	1814.53	1378.53

SHEDIAC NB

Station	Depth	Latitude	Longitude	Start
44	19.0	46.39	64.51	May 18, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
138	6.50	6.50	2.50
139	6.17	12.67	4.67
140	6.00	18.67	6.67
141	6.00	24.67	8.67
142	6.00	30.67	10.67
143	6.50	37.17	13.17
144	7.83	45.00	17.00
145	7.67	52.67	20.67
146	7.58	60.25	24.25
147	8.00	68.25	28.25
148	8.00	76.25	32.25
149	7.75	84.00	36.00
150	7.50	91.50	39.50
151	7.83	99.33	43.33

Estimated Deg. days (0) for May/83 = 219.95

152	8.00	107.33	47.33
153	8.00	115.33	51.33
154	7.92	123.25	55.25
155	7.50	130.75	58.75
156	8.17	138.92	62.92
157	9.00	147.92	67.92
158	7.92	155.83	71.83
159	7.75	163.58	75.58
160	8.08	171.67	79.67
161	9.00	180.67	84.67
162	9.00	189.67	89.67
163	9.92	199.58	95.58
164	10.08	209.67	101.67
165	10.75	220.42	108.42
166	10.00	230.42	114.42
167	10.50	240.92	120.92
168	11.00	251.92	127.92
169	11.00	262.92	134.92
170	11.00	273.92	141.92
171	11.00	284.92	148.92
172	11.92	296.83	156.83
173	13.00	309.83	165.83
174		* NO DATA *	
175	12.00	321.83	173.83
176	12.17	334.00	182.00
177	13.00	347.00	191.00
178	12.67	359.67	199.67
179	12.50	372.17	208.17
180	13.00	385.17	217.17
181	13.25	398.42	226.42

Estimated Deg. days (0) for June/83 = 309.40

SHEDIAC NB ... continued

Station	Depth	Latitude	Longitude	Start
44	19.0	46.39	64.51	May 18, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
182	13.08	411.50	235.50
183	13.33	424.83	244.83
184	13.58	438.42	254.42
185	14.00	452.42	264.42
186	13.75	466.17	274.17
187	13.25	479.42	283.42
188	14.75	494.17	294.17
189	15.00	509.17	305.17
190	15.00	524.17	316.17
191	15.17	539.33	327.33
192	15.50	554.83	338.83
193	16.00	570.83	350.83
194	16.00	586.83	362.83
195	16.42	603.25	375.25
196	17.00	620.25	388.25
197	17.00	637.25	401.25
198	17.00	654.25	414.25
199	17.00	671.25	427.25
200	17.00	688.25	440.25
201	17.00	705.25	453.25
202	17.00	722.25	466.25
203	16.92	739.17	479.17
204	17.08	756.25	492.25
205	17.50	773.75	505.75
206	17.08	790.83	518.83
207	17.50	808.33	532.33
208	17.42	825.75	545.75
209	17.50	843.25	559.25
210	17.08	860.33	572.33
211	17.00	877.33	585.33
212	17.00	894.33	598.33

Total Deg. days (0) for July/83 = 495.92

213	17.00	911.33	611.33
214	17.00	928.33	624.33
215	17.00	945.33	637.33
216	17.00	962.33	650.33
217	17.42	979.75	663.75
218	17.08	996.83	676.83
219	18.00	1014.83	690.83
220	18.50	1033.33	705.33
221	19.00	1052.33	720.33
222	19.00	1071.33	735.33
223	18.67	1090.00	750.00
224	18.42	1108.42	764.42
225	18.00	1126.42	778.42
226	18.00	1144.42	792.42
227	18.00	1162.42	806.42
228	18.00	1180.42	820.42

SHEDIAC NB ... continued

Station	Depth	Latitude	Longitude	Start
44	19.0	46.39	64.51	May 18, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
229	18.00	1198.42	834.42
230	18.50	1216.92	848.92
231	18.50	1235.42	863.42
232	18.75	1254.17	878.17
233	18.00	1272.17	892.17
234	18.00	1290.17	906.17
235	17.75	1307.92	919.92
236	17.25	1325.17	933.17
237	16.75	1341.92	945.92
238	16.50	1358.42	958.42
239	16.50	1374.92	970.92
240	16.50	1391.42	983.42
241	16.50	1407.92	995.92
242	16.58	1424.50	1008.50
243	17.00	1441.50	1021.50

Total Deg. days (0) for Aug/83 = 547.17

244	17.00	1458.50	1034.50
245	17.00	1475.50	1047.50
246	17.00	1492.50	1060.50
247	17.00	1509.50	1073.50
248	17.00	1526.50	1086.50
249	17.00	1543.50	1099.50
250	17.00	1560.50	1112.50
251	17.42	1577.92	1125.92
252	17.50	1595.42	1139.42
253	17.17	1612.58	1152.58
254	17.00	1629.58	1165.58
255	17.00	1646.58	1178.58
256	17.00	1663.58	1191.58
257	17.00	1680.58	1204.58
258	16.75	1697.33	1217.33
259	16.25	1713.58	1229.58
260	16.00	1729.58	1241.58
261	16.00	1745.58	1253.58
262	16.00	1761.58	1265.58
263	16.00	1777.58	1277.58
264	16.00	1793.58	1289.58
265	16.08	1809.67	1301.67
266	16.50	1826.17	1314.17
267	16.42	1842.58	1326.58
268	16.00	1858.58	1338.58
269	16.00	1874.58	1350.58
270	16.00	1890.58	1362.58
271	15.83	1906.42	1374.42
272	15.25	1921.67	1385.67
273	15.00	1936.67	1396.67

Total Deg. days (0) for Sept/83 = 495.17

SHEDIAC NB ... continued

Station	Depth	Latitude	Longitude	Start
44	19.0	46.39	64.51	May 18, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
274	15.00	1951.67	1407.67
275	15.00	1966.67	1418.67
276	15.00	1981.67	1429.67
277	14.60	1996.27	1440.27

WEST POINT PEI

Station	Depth	Latitude	Longitude	Start
45	11.0	46.66	64.40	May 31, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
151	5.50	5.50	1.50
152	5.58	11.08	3.08
153	6.00	17.08	5.08
154	6.00	23.08	7.08
155	6.08	29.17	9.17
156	6.92	36.08	12.08
157	7.67	43.75	15.75
158	8.25	52.00	20.00
159	8.17	60.17	24.17
160	8.00	68.17	28.17
161	8.33	76.50	32.50
162	8.92	85.42	37.42
163	9.33	94.75	42.75
164	9.83	104.58	48.58
165	10.58	115.17	55.17
166	10.83	126.00	62.00
167	10.75	136.75	68.75
168	10.92	147.67	75.67
169	11.25	158.92	82.92
170	11.75	170.67	90.67
171	11.17	181.83	97.83
172	11.42	193.25	105.25
173	11.50	204.75	112.75
174	12.00	216.75	120.75
175	12.58	229.33	129.33
176	12.75	242.08	138.08
177	13.00	255.08	147.08
178	13.83	268.92	156.92
179	13.08	282.00	166.00
180	13.50	295.50	175.50
181	13.58	309.08	185.08

Total Deg. days (0) for June/83 = 303.58

182	13.92	323.00	195.00
183	14.17	337.17	205.17
184	14.17	351.33	215.33
185	15.00	366.33	226.33
186	15.92	382.25	238.25
187	16.50	398.75	250.75
188	14.33	413.08	261.08
189	14.92	428.00	272.00
190	15.67	443.67	283.67
191	15.17	458.83	294.83
192	15.08	473.92	305.92
193	15.75	489.67	317.67
194	15.58	505.25	329.25
195	15.50	520.75	340.75
196	15.50	536.25	352.25
197	15.75	552.00	364.00

WEST POINT PEI ... continued

Station	Depth	Latitude	Longitude	Start
45	11.0	46.66	64.40	May 31, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
198	15.67	567.67	375.67
199	15.50	583.17	387.17
200	15.33	598.50	398.50
201	15.58	614.08	410.08
202	15.75	629.83	421.83
203	15.92	645.75	433.75
204	15.25	661.00	445.00
205	14.92	675.92	455.92
206	15.67	691.58	467.58
207	16.00	707.58	479.58
208	16.00	723.58	491.58
209	16.17	739.75	503.75
210	16.08	755.83	515.83
211	16.00	771.83	527.83
212	16.00	787.83	539.83

Total Deg. days (0) for July/83 = 478.75

213	16.00	803.83	551.83
214	16.00	819.83	563.83
215	16.08	835.92	575.92
216	15.67	851.58	587.58
217	16.33	867.92	599.92
218	17.00	884.92	612.92
219	15.92	900.83	624.83
220	15.92	916.75	636.75
221	16.33	933.08	649.08
222	15.33	948.42	660.42
223	14.17	962.58	670.58
224	14.58	977.17	681.17
225	14.50	991.67	691.67
226	15.00	1006.67	702.67
227	15.08	1021.75	713.75
228	15.67	1037.42	725.42
229	15.92	1053.33	737.33
230	15.50	1068.83	748.83
231	15.42	1084.25	760.25
232	14.33	1098.58	770.58
233	12.67	1111.25	779.25
234	9.83	1121.08	785.08
235	12.08	1133.17	793.17
236	12.67	1145.83	801.83
237	13.33	1159.17	811.17
238	14.00	1173.17	821.17
239	14.00	1187.17	831.17
240	14.33	1201.50	841.50
241	15.00	1216.50	852.50
242	15.00	1231.50	863.50
243	15.00	1246.50	874.50

Total Deg. days (0) for Aug/83 = 458.67

WEST POINT PEI ... continued

Station	Depth	Latitude	Longitude	Start
45	11.0	46.66	64.40	May 31, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
244	15.00	1261.50	885.50
245	15.00	1276.50	896.50
246	15.00	1291.50	907.50
247	14.83	1306.33	918.33
248	15.00	1321.33	929.33
249	15.33	1336.67	940.67
250	15.83	1352.50	952.50
251	15.92	1368.42	964.42
252	15.08	1383.50	975.50
253	14.75	1398.25	986.25
254	15.00	1413.25	997.25
255	15.00	1428.25	1008.25
256	15.00	1443.25	1019.25
257	15.00	1458.25	1030.25
258	14.17	1472.42	1040.42
259	14.00	1486.42	1050.42
260	14.00	1500.42	1060.42
261	14.00	1514.42	1070.42
262	14.00	1528.42	1080.42
263	14.00	1542.42	1090.42
264	14.00	1556.42	1100.42
265	14.08	1570.50	1110.50
266	14.50	1585.00	1121.00
267	14.00	1599.00	1131.00
268	13.67	1612.67	1140.67
269	13.67	1626.33	1150.33
270	13.33	1639.67	1159.67
271	12.50	1652.17	1168.17
272	10.60	1662.77	1174.77

Estimated Deg. days (0) for Sept/83 = 430.62

RICHIBUCTO NB

Station	Depth	Latitude	Longitude	Start
46	19.0	46.80	64.67	May 16, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
136	3.83	3.83	0.00
137	4.00	7.83	0.25
138	4.75	12.58	1.00
139	5.00	17.58	2.00
140	4.08	21.67	2.08
141	4.17	25.83	2.25
142	4.17	30.00	2.42
143	4.83	34.83	3.25
144	5.17	40.00	4.42
145	5.83	45.83	6.25
146	6.42	52.25	8.67
147	7.00	59.25	11.67
148	7.00	66.25	14.67
149	7.00	73.25	17.67
150	7.17	80.42	20.83
151	7.25	87.67	24.08

Estimated Deg. days (0) for May/83 = 169.85

152	7.17	94.83	27.25
153	7.00	101.83	30.25
154	7.25	109.08	33.50
155	7.00	116.08	36.50
156	6.33	122.42	38.83
157	6.08	128.50	40.92
158	5.50	134.00	42.42
159	5.25	139.25	43.67
160	6.83	146.08	46.50
161	6.92	153.00	49.42
162	6.17	159.17	51.58
163	7.00	166.17	54.58
164	6.83	173.00	57.42
165	7.83	180.83	61.25
166	6.67	187.50	63.92
167	6.25	193.75	66.17
168	6.33	200.08	68.50
169	6.75	206.83	71.25
170	7.42	214.25	74.67
171	9.08	223.33	79.75
172	11.08	234.42	86.83
173	10.92	245.33	93.75
174	10.42	255.75	100.17
175	10.33	266.08	106.50
176	14.00	280.08	116.50
177	14.17	294.25	126.67
178	10.08	304.33	132.75
179	12.33	316.67	141.08
180	11.25	327.92	148.33
181	12.33	340.25	156.67

Total Deg. days (0) for June/83 = 252.58

RICHIBUCTO NB ... continued

Station	Depth	Latitude	Longitude	Start
46	19.0	46.80	64.67	May 16, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
182	9.83	350.08	162.50
183	8.67	358.75	167.17
184	9.92	368.67	173.08
185	10.42	379.08	179.50
186	9.25	388.33	184.75
187	9.50	397.83	190.25
188	14.00	411.83	200.25
189	12.67	424.50	208.92
190	11.00	435.50	215.92
191	14.33	449.83	226.25
192	13.83	463.67	236.08
193	13.58	477.25	245.67
194	15.50	492.75	257.17
195	16.00	508.75	269.17
196	15.83	524.58	281.00
197	15.83	540.42	292.83
198	16.00	556.42	304.83
199	17.00	573.42	317.83
200	17.00	590.42	330.83
201	16.83	607.25	343.67
202	17.00	624.25	356.67
203	16.75	641.00	369.42
204	16.50	657.50	381.92
205	16.42	673.92	394.33
206	16.00	689.92	406.33
207	16.17	706.08	418.50
208	16.33	722.42	430.83
209	15.67	738.08	442.50
210	13.25	751.33	451.75
211	11.25	762.58	459.00
212	14.17	776.75	469.17

Total Deg. days (0) for July/83 = 436.50

213	10.67	787.42	475.83
214	10.42	797.83	482.25
215	10.33	808.17	488.58
216	11.08	819.25	495.67
217	10.50	829.75	502.17
218	9.75	839.50	507.92
219	10.50	850.00	514.42
220	10.08	860.08	520.50
221	10.00	870.08	526.50
222	15.50	885.58	538.00
223	15.83	901.42	549.83
224	15.08	916.50	560.92
225	16.00	932.50	572.92
226	14.83	947.33	583.75
227	13.50	960.83	593.25
228	12.33	973.17	601.58

RICHIBUCTO NB ... continued

Station	Depth	Latitude	Longitude	Start
46	19.0	46.80	64.67	May 16, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
229	11.67	984.83	609.25
230	12.00	996.83	617.25
231	12.08	1008.92	625.33
232	14.00	1022.92	635.33
233	15.17	1038.08	646.50
234	14.08	1052.17	656.58
235	14.00	1066.17	666.58
236	14.00	1080.17	676.58
237	13.83	1094.00	686.42
238	13.92	1107.92	696.33
239	13.67	1121.58	706.00
240	13.42	1135.00	715.42
241	13.83	1148.83	725.25
242	13.50	1162.33	734.75
243	14.00	1176.33	744.75

Total Deg. days (0) for Aug/83 = 399.58

244	13.67	1190.00	754.42
245	14.00	1204.00	764.42
246	14.17	1218.17	774.58
247	13.92	1232.08	784.50
248	13.67	1245.75	794.17
249	12.50	1258.25	802.67
250	12.08	1270.33	810.75
251	11.75	1282.08	818.50
252	14.25	1296.33	828.75
253	13.08	1309.42	837.83
254	12.67	1322.08	846.50
255	12.00	1334.08	854.50
256	13.75	1347.83	864.25
257	13.83	1361.67	874.08
258	14.00	1375.67	884.08
259	14.00	1389.67	894.08
260	13.83	1403.50	903.92
261	13.17	1416.67	913.08
262	13.00	1429.67	922.08
263	12.83	1442.50	930.92
264	12.17	1454.67	939.08
265	10.75	1465.42	945.83
266	10.08	1475.50	951.92
267	10.08	1485.58	958.00
268	11.83	1497.42	965.83
269	10.92	1508.33	972.75

Estimated Deg. days (0) for Sept/83 = 383.08

MIMINEGASH PEI

Station	Depth	Latitude	Longitude	Start
47	23.0	46.91	64.33	July 25, 1980 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
207	8.50	8.50	4.50
208	7.67	16.17	8.17
209	7.00	23.17	11.17
210	7.08	30.25	14.25
211	6.58	36.83	16.83
212	6.08	42.92	18.92
213	6.00	48.92	20.92
214	6.08	55.00	23.00
215	6.25	61.25	25.25
216	6.17	67.42	27.42
217	6.50	73.92	29.92
218	7.00	80.92	32.92
219	7.00	87.92	35.92
220	7.00	94.92	38.92
221	7.00	101.92	41.92
222	7.00	108.92	44.92
223	7.25	116.17	48.17
224	8.08	124.25	52.25
225	8.58	132.83	56.83
226	8.75	141.58	61.58
227	9.42	151.00	67.00
228	9.58	160.58	72.58
229	9.17	169.75	77.75
230	13.08	182.83	86.83
231	15.00	197.83	97.83
232	15.00	212.83	108.83
233	15.00	227.83	119.83
234	15.00	242.83	130.83
235	15.00	257.83	141.83
236	14.75	272.58	152.58
237	14.42	287.00	163.00
238	14.58	301.58	173.58
239	14.00	315.58	183.58
240	13.17	328.75	192.75
241	13.58	342.33	202.33
242	14.75	357.08	213.08
243	15.00	372.08	224.08
244	15.25	387.33	235.33

Total Deg. days (0) for Aug/80 = 338.42

245	15.08	402.42	246.42
246	14.83	417.25	257.25
247	14.17	431.42	267.42
248	14.00	445.42	277.42
249	14.17	459.58	287.58
250	14.00	473.58	297.58
251	13.50	487.08	307.08
252	13.67	500.75	316.75
253	14.08	514.83	326.83

MIMINEGASH PEI ... continued

Station	Depth	Latitude	Longitude	Start
47	23.0	46.91	64.33	July 25, 1980 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
254	14.08	528.92	336.92
255	13.08	542.00	346.00
256	12.33	554.33	354.33
257	13.17	567.50	363.50
258	15.00	582.50	374.50
259	15.75	598.25	386.25
260	16.00	614.25	398.25
261	16.00	630.25	410.25
262	16.00	646.25	422.25
263	15.33	661.58	433.58
264	15.08	676.67	444.67
265	13.67	690.33	454.33
266	13.33	703.67	463.67
267	14.00	717.67	473.67
268	14.25	731.92	483.92
269	15.00	746.92	494.92
270	15.00	761.92	505.92
271	15.00	776.92	516.92
272	15.00	791.92	527.92
273	14.42	806.33	538.33
274	14.00	820.33	548.33

Total Deg. days (0) for Sept/80 = 433.00

275	14.00	834.33	558.33
276	14.00	848.33	568.33
277	14.00	862.33	578.33
278	14.00	876.33	588.33
279	14.00	890.33	598.33
280	14.00	904.33	608.33
281	14.00	918.33	618.33
282	14.00	932.33	628.33
283	14.00	946.33	638.33
284	14.00	960.33	648.33
285	13.58	973.92	657.92
286	13.08	987.00	667.00
287	13.00	1000.00	676.00
288	13.00	1013.00	685.00
289	13.00	1026.00	694.00
290	13.00	1039.00	703.00
291	13.00	1052.00	712.00
292	12.67	1064.67	720.67
293	12.50	1077.17	729.17
294	12.50	1089.67	737.67
295	12.50	1102.17	746.17
296	12.50	1114.67	754.67
297	12.33	1127.00	763.00
298	12.00	1139.00	771.00
299	12.00	1151.00	779.00
300	12.00	1163.00	787.00

MIMINEGASH PEI ... continued

Station	Depth	Latitude	Longitude	Start
47	23.0	46.91	64.33	July 25, 1980 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
301	12.00	1175.00	795.00
302	11.67	1186.67	802.67
303	11.25	1197.92	809.92
304	11.00	1208.92	816.92
305	11.00	1219.92	823.92
Total	Deg. days (0) for Oct/80 =	399.58	
306	11.00	1230.92	830.92
307	11.00	1241.92	837.92
308	10.50	1252.42	844.42
309	10.42	1262.83	850.83
310	10.00	1272.83	856.83
311	10.00	1282.83	862.83
312	10.00	1292.83	868.83
313	10.00	1302.83	874.83
314	10.00	1312.83	880.83
315	10.00	1322.83	886.83
316	10.00	1332.83	892.83
317	9.58	1342.42	898.42
318	9.50	1351.92	903.92
319	9.50	1361.42	909.42
320	9.50	1370.92	914.92
321	9.50	1380.42	920.42
322	9.17	1389.58	925.58
323	9.00	1398.58	930.58
324	9.00	1407.58	935.58
325	8.33	1415.92	939.92
326	8.00	1423.92	943.92
327	8.00	1431.92	947.92
328	8.00	1439.92	951.92
329	8.00	1447.92	955.92
330	8.00	1455.92	959.92
331	8.00	1463.92	963.92
332	8.00	1471.92	967.92
333	8.00	1479.92	971.92
334	8.00	1487.92	975.92
335	8.00	1495.92	979.92
Total	Deg. days (0) for Nov/80 =	276.00	
336	8.00	1503.92	983.92
337	8.00	1511.92	987.92
338	8.00	1519.92	991.92
339	8.00	1527.92	995.92
340	8.00	1535.92	999.92
341	8.00	1543.92	1003.92
342	8.00	1551.92	1007.92
343	8.00	1559.92	1011.92
344	8.00	1567.92	1015.92

MIMINEGASH PEI ... continued

Station	Depth	Latitude	Longitude	Start
47	23.0	46.91	64.33	July 25, 1980 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
345	8.00	1575.92	1019.92
346	8.00	1583.92	1023.92
347	7.75	1591.67	1027.67
348	7.50	1599.17	1031.17
349	7.25	1606.42	1034.42
350	6.83	1613.25	1037.25
351	6.08	1619.33	1039.33
352	6.00	1625.33	1041.33
353	6.00	1631.33	1043.33
354	6.00	1637.33	1045.33
355	6.00	1643.33	1047.33
356	5.25	1648.58	1048.58
357	4.67	1653.25	1049.25
358	4.50	1657.75	1049.75
359	4.50	1662.25	1050.25
360	4.50	1666.75	1050.75
361	4.50	1671.25	1051.25
362	4.50	1675.75	1051.75
363	4.50	1680.25	1052.25
364	4.92	1685.17	1053.17
365	5.00	1690.17	1054.17
366	5.00	1695.17	1055.17

Total Deg. days (0) for Dec/80 = 199.25

1	5.00	1700.17	1056.17

NORTH RUSTICO PEI

Station	Depth	Latitude	Longitude	Start
49	18.0	46.55	63.27	June 30, 1983 04:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
181	4.40	4.40	0.40
182	4.75	9.15	1.15
183	6.83	15.98	3.98
184	5.83	21.82	5.82
185	4.17	25.98	5.98
186	4.08	30.07	6.07
187	3.50	33.57	6.07
188	3.92	37.48	6.07
189	4.25	41.73	6.32
190	4.00	45.73	6.32
191	4.25	49.98	6.57
192	5.50	55.48	8.07
193	5.00	60.48	9.07
194	4.42	64.90	9.57
195	5.58	70.48	11.15
196	4.17	74.65	11.32
197	3.50	78.15	11.32
198	3.00	81.15	11.32
199	3.92	85.07	11.32
200	4.00	89.07	11.32
201	4.00	93.07	11.32
202	5.00	98.07	12.32
203	4.75	102.82	13.07
204	5.08	107.90	14.15
205	9.17	117.07	19.32
206	5.83	122.90	21.15
207	3.58	126.48	21.15
208	5.33	131.82	22.48
209	4.33	136.15	22.82
210	3.33	139.48	22.82
211	3.17	142.65	22.82
212	4.00	146.65	22.98

Total Deg. days (0) for July/83 = 142.25

213	4.17	150.82	23.15
214	3.92	154.73	23.15
215	3.17	157.90	23.15
216	3.42	161.32	23.15
217	4.17	165.48	23.32
218	2.75	168.23	23.32
219	2.00	170.23	23.32
220	2.58	172.82	23.32
221	2.83	175.65	23.32
222	3.33	178.98	23.32
223	6.92	185.90	26.23
224	5.50	191.40	27.73
225	2.83	194.23	27.73
226	2.17	196.40	27.73
227	2.92	199.32	27.73

NORTH RUSTICO PEI ... continued

Station	Depth	Latitude	Longitude	Start
49	18.0	46.55	63.27	June 30, 1983 04:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
228	2.58	201.90	27.73
229	2.92	204.82	27.73
230	3.58	208.40	27.73
231	3.75	212.15	27.82
232	4.25	216.40	28.15
233	8.17	224.57	32.48
234	17.00	241.57	45.48
235	16.50	258.07	57.98
236	15.75	273.82	69.73
237	11.25	285.07	76.98
238	13.08	298.15	86.07
239	12.00	310.15	94.07
240	10.25	320.40	100.32
241	7.00	327.40	103.32
242	4.17	331.57	103.82
243	2.50	334.07	103.82

Total Deg. days (0) for Aug/83 = 187.42

244	3.08	337.15	103.82
245	7.83	344.98	107.65
246	5.83	350.82	109.48
247	5.50	356.32	110.98
248	4.17	360.48	111.40
249	3.92	364.40	111.40
250	3.42	367.82	111.40
251	3.58	371.40	111.73
252	12.00	383.40	119.73
253	14.33	397.73	130.07
254	8.08	405.82	134.15
255	4.67	410.48	134.82
256	3.83	414.32	134.82
257	4.50	418.82	135.32
258	6.25	425.07	137.57
259	6.67	431.73	140.23
260	7.00	438.73	143.23
261	4.00	442.73	143.40
262	1.58	444.32	143.40
263	1.83	446.15	143.40
264	3.50	449.65	143.40
265	3.25	452.90	143.40
266	1.75	454.65	143.40
267	2.50	457.15	143.40
268	3.50	460.65	143.48
269	4.92	465.57	144.40
270	4.08	469.65	144.90
271	8.00	477.65	148.98
272	14.00	491.65	158.98
273	13.42	505.07	168.40

Total Deg. days (0) for Sept/83 = 171.00

NORTH RUSTICO PEI ... continued

Station	Depth	Latitude	Longitude	Start
49	18.0	46.55	63.27	June 30, 1983 04:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
274	10.58	515.65	174.98
275	5.67	521.32	176.65
276	6.33	527.65	178.98
277	5.17	532.82	180.15
278	5.00	537.82	181.15
279	2.08	539.90	181.15
280	2.58	542.48	181.15
281	5.00	547.48	182.32
282	5.00	552.48	183.32
283	6.33	558.82	185.65
284	6.33	565.15	187.98
285	5.00	570.15	188.98
286	4.00	574.15	188.98
287	3.25	577.40	188.98
288	3.67	581.07	188.98
289	9.75	590.82	194.73
290	12.08	602.90	202.82

Estimated Deg. days (0) for Oct/83 = 178.40

SOURIS PEI

Station	Depth	Latitude	Longitude	Start
50	19.0	46.35	62.23	June 5, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
156	6.00	6.00	2.00
157	5.92	11.92	3.92
158	6.83	18.75	6.75
159	3.83	22.58	7.25
160	4.67	27.25	8.25
161	5.75	33.00	10.00
162	7.00	40.00	13.00
163	6.50	46.50	15.50
164	7.00	53.50	18.50
165	7.17	60.67	21.67
166	7.00	67.67	24.67
167	6.50	74.17	27.17
168	6.58	80.75	29.75
169	7.17	87.92	32.92
170	7.17	95.08	36.08
171	8.50	103.58	40.58
172	10.00	113.58	46.58
173	10.83	124.42	53.42
174	10.67	135.08	60.08
175	9.17	144.25	65.25
176	10.92	155.17	72.17
177	11.58	166.75	79.75
178	11.50	178.25	87.25
179	8.25	186.50	91.50
180	11.33	197.83	98.83
181	10.67	208.50	105.50

Estimated Deg. days (0) for June/83 = 240.58

182	10.75	219.25	112.25
183	9.17	228.42	117.42
184	12.33	240.75	125.75
185	13.00	253.75	134.75
186	10.17	263.92	140.92
187	10.00	273.92	146.92
188	10.67	284.58	153.58
189	13.33	297.92	162.92
190	8.92	306.83	167.83
191	9.33	316.17	173.17
192	11.08	327.25	180.25
193	11.50	338.75	187.75
194	12.08	350.83	195.83
195	9.33	360.17	201.17
196	11.75	371.92	208.92
197	11.33	383.25	216.25
198	10.42	393.67	222.67
199	10.00	403.67	228.67
200	11.42	415.08	236.08
201	14.33	429.42	246.42
202	12.50	441.92	254.92

SOURIS PEI ... continued

Station	Depth	Latitude	Longitude	Start
50	19.0	46.35	62.23	June 5, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
203	13.25	455.17	264.17
204	14.33	469.50	274.50
205	6.17	475.67	276.83
206	6.67	482.33	279.50
207	9.67	492.00	285.17
208	10.83	502.83	292.00
209	9.75	512.58	297.75
210	9.00	521.58	302.75
211	10.00	531.58	308.75
212	11.58	543.17	316.33
Total	Deg. days (0) for July/83 =	334.67	
213	14.33	557.50	326.67
214	12.33	569.83	335.00
215	9.17	579.00	340.17
216	11.92	590.92	348.08
217	13.08	604.00	357.17
218	8.75	612.75	361.92
219	6.67	619.42	364.75
220	11.50	630.92	372.25
221	8.17	639.08	376.42
222	9.58	648.67	382.00
223	10.67	659.33	388.67
224	13.17	672.50	397.83
225	14.42	686.92	408.25
226	13.00	699.92	417.25
227	8.08	708.00	421.33
228	8.58	716.58	425.92
229	9.00	725.58	430.92
230	10.33	735.92	437.25
231	12.17	748.08	445.42
232	12.17	760.25	453.58
233	12.00	772.25	461.58
234	8.75	781.00	466.33
235	14.58	795.58	476.92
236	14.50	810.08	487.42
237	15.00	825.08	498.42
238	15.00	840.08	509.42
239	14.75	854.83	520.17
240	15.08	869.92	531.25
241	16.00	885.92	543.25
242	15.83	901.75	555.08
243	15.75	917.50	566.83
Total	Deg. days (0) for Aug/83 =	374.33	
244	15.92	933.42	578.75
245	13.33	946.75	588.08
246	11.75	958.50	595.83

SOURIS PEI ... continued

Station	Depth	Latitude	Longitude	Start
50	19.0	46.35	62.23	June 5, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
247	11.83	970.33	603.67
248	14.75	985.08	614.42
249	13.67	998.75	624.08
250	14.50	1013.25	634.58
251	13.25	1026.50	643.83
252	13.08	1039.58	652.92
253	14.58	1054.17	663.50
254	15.00	1069.17	674.50
255	14.83	1084.00	685.33
256	14.75	1098.75	696.08
257	15.00	1113.75	707.08
258	15.00	1128.75	718.08
259	13.92	1142.67	728.00
260	13.08	1155.75	737.08
261	14.75	1170.50	747.83
262	15.00	1185.50	758.83
263	8.17	1193.67	763.00
264	9.08	1202.75	768.08
265	9.50	1212.25	773.58
266	7.50	1219.75	777.08
267	8.67	1228.42	781.75
268	13.33	1241.75	791.08
269	12.17	1253.92	799.25
270	9.08	1263.00	804.33
271	9.17	1272.17	809.50
272	13.33	1285.50	818.83
273	14.00	1299.50	828.83

Total Deg. days (0) for Sept/83 = 382.00

274	14.00	1313.50	838.83
275	14.00	1327.50	848.83
276	13.17	1340.67	858.00
277	13.00	1353.67	867.00
278	13.00	1366.67	876.00
279	13.00	1379.67	885.00
280	10.83	1390.50	891.83
281	11.08	1401.58	898.92
282	11.83	1413.42	906.75
283	12.08	1425.50	914.83
284	12.58	1438.08	923.42
285	12.83	1450.92	932.25
286	12.00	1462.92	940.25
287	11.42	1474.33	947.67
288	9.17	1483.50	952.83
289	10.25	1493.75	959.08
290	12.00	1505.75	967.08
291	12.00	1517.75	975.08
292	12.00	1529.75	983.08
293	12.00	1541.75	991.08

SOURIS PEI ... continued

Station	Depth	Latitude	Longitude	Start
50	19.0	46.35	62.23	June 5, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
294	11.67	1553.42	998.75
295	11.50	1564.92	1006.25
296	11.50	1576.42	1013.75
297	11.33	1587.75	1021.08
298	11.00	1598.75	1028.08
299	10.83	1609.58	1034.92
300	10.50	1620.08	1041.42
301	10.33	1630.42	1047.75
302	9.83	1640.25	1053.58
303	8.50	1648.75	1058.08
304	9.00	1657.75	1063.08
Total	Deg. days (0) for Oct/83 =	358.25	
305	9.00	1666.75	1068.08
306	9.00	1675.75	1073.08
307	9.00	1684.75	1078.08
308	9.00	1693.75	1083.08
309	9.00	1702.75	1088.08
310	9.00	1711.75	1093.08
311	9.00	1720.75	1098.08

BEACH POINT PEI

Station	Depth	Latitude	Longitude	Start
52	14.0	46.03	62.43	June 9, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
160	9.50	9.50	5.50
161	10.67	20.17	12.17
162	11.17	31.33	19.33
163	11.17	42.50	26.50
164	11.08	53.58	33.58
165	11.25	64.83	40.83
166	11.50	76.33	48.33
167	11.92	88.25	56.25
168	12.92	101.17	65.17
169	13.25	114.42	74.42
170	12.50	126.92	82.92
171	13.17	140.08	92.08
172	14.42	154.50	102.50
173	15.00	169.50	113.50
174	15.58	185.08	125.08
175	15.25	200.33	136.33
176	15.67	216.00	148.00
177	16.00	232.00	160.00
178	15.42	247.42	171.42
179	15.33	262.75	182.75
180	15.75	278.50	194.50
181	16.25	294.75	206.75

Estimated Deg. days (0) for June/83 = 401.93

182	16.42	311.17	219.17
183	15.17	326.33	230.33
184	16.00	342.33	242.33
185	17.25	359.58	255.58
186	17.75	377.33	269.33
187	17.50	394.83	282.83
188	16.67	411.50	295.50
189	17.33	428.83	308.83
190	15.92	444.75	320.75
191	15.58	460.33	332.33
192	16.08	476.42	344.42
193	16.00	492.42	356.42
194	16.17	508.58	368.58
195	16.17	524.75	380.75
196	16.08	540.83	392.83
197	16.08	556.92	404.92
198	17.00	573.92	417.92
199	16.92	590.83	430.83
200	17.00	607.83	443.83
201	17.17	625.00	457.00
202	16.33	641.33	469.33
203	15.25	656.58	480.58
204	15.33	671.92	491.92
205	16.25	688.17	504.17
206	16.33	704.50	516.50

BEACH POINT PEI ... continued

Station	Depth	Latitude	Longitude	Start
52	14.0	46.03	62.43	June 9, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
207	16.42	720.92	528.92
208	16.92	737.83	541.83
209	17.17	755.00	555.00
210	16.25	771.25	567.25
211	15.42	786.67	578.67
212	15.50	802.17	590.17
Total	Deg. days (0) for July/83 =	507.42	
213	16.58	818.75	602.75
214	16.50	835.25	615.25
215	17.25	852.50	628.50
216	17.08	869.58	641.58
217	17.33	886.92	654.92
218	17.00	903.92	667.92
219	15.58	919.50	679.50
220	16.75	936.25	692.25
221	15.08	951.33	703.33
222	15.08	966.42	714.42
223	16.08	982.50	726.50
224	14.83	997.33	737.33
225	14.75	1012.08	748.08
226	16.00	1028.08	760.08
227	16.33	1044.42	772.42
228	17.08	1061.50	785.50
229	17.50	1079.00	799.00
230	16.75	1095.75	811.75
231	16.00	1111.75	823.75
232	16.83	1128.58	836.58
233	15.92	1144.50	848.50
234	15.17	1159.67	859.67
235	15.42	1175.08	871.08
236	14.83	1189.92	881.92
237	15.25	1205.17	893.17
238	15.58	1220.75	904.75
239	15.33	1236.08	916.08
240	16.00	1252.08	928.08
241	16.17	1268.25	940.25
242	16.33	1284.58	952.58
243	16.25	1300.83	964.83
Total	Deg. days (0) for Aug/83 =	498.67	
244	16.00	1316.83	976.83
245	16.00	1332.83	988.83
246	16.42	1349.25	1001.25
247	16.75	1366.00	1014.00
248	17.17	1383.17	1027.17
249	17.42	1400.58	1040.58
250	17.67	1418.25	1054.25

BEACH POINT PEI ... continued

Station	Depth	Latitude	Longitude	Start
52	14.0	46.03	62.43	June 9, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
251	16.58	1434.83	1066.83
252	15.75	1450.58	1078.58
253	15.67	1466.25	1090.25
254	15.42	1481.67	1101.67
255	16.00	1497.67	1113.67
256	16.25	1513.92	1125.92
257	15.92	1529.83	1137.83
258	15.42	1545.25	1149.25
259	15.00	1560.25	1160.25
260	14.83	1575.08	1171.08
261	14.67	1589.75	1181.75
262	15.00	1604.75	1192.75
263	15.58	1620.33	1204.33
264	16.17	1636.50	1216.50
265	15.83	1652.33	1228.33
266	14.92	1667.25	1239.25
267	14.67	1681.92	1249.92
268	14.50	1696.42	1260.42
269	14.33	1710.75	1270.75
270	13.50	1724.25	1280.25
271	12.92	1737.17	1289.17
272	12.92	1750.08	1298.08
273	13.08	1763.17	1307.17

Total Deg. days (0) for Sept/83 = 462.33

274	13.33	1776.50	1316.50
275	14.08	1790.58	1326.58
276	14.42	1805.00	1337.00
277	13.58	1818.58	1346.58
278	12.00	1830.58	1354.58
279	13.33	1843.92	1363.92
280	13.17	1857.08	1373.08
281	12.75	1869.83	1381.83
282	12.42	1882.25	1390.25
283	11.58	1893.83	1397.83
284	11.50	1905.33	1405.33

Estimated Deg. days (0) for Oct/83 = 400.65

PLEASANT BAY NS

Station	Depth	Latitude	Longitude	Start
53	21.0	46.84	60.83	May 28, 1983 08:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
148	1.13	1.13	0.00
149	-0.33	1.38	0.00
150	0.67	2.38	0.00
151	3.00	5.38	0.00
152	2.75	8.13	0.00
153	4.58	12.71	0.75
154	5.33	18.04	2.08
155	4.33	22.38	2.58
156	6.25	28.63	4.83
157	6.75	35.38	7.58
158	6.75	42.13	10.33
159	7.00	49.13	13.33
160	7.25	56.38	16.58
161	7.25	63.63	19.83
162	7.67	71.29	23.50
163	6.67	77.96	26.17
164	6.83	84.79	29.00
165	6.08	90.88	31.08
166	4.67	95.54	31.75
167	5.25	100.79	33.00
168	5.25	106.04	34.25
169	6.42	112.46	36.67
170	6.33	118.79	39.00
171	9.00	127.79	44.00
172	10.92	138.71	50.92
173	8.67	147.38	55.58
174	5.92	153.29	57.50
175	5.92	159.21	59.42
176	7.25	166.46	62.67
177	7.58	174.04	66.25
178	7.58	181.63	69.83

Estimated Deg. days (0) for June/83 = 195.83

MARGAREE HARBOUR NS

Station	Depth	Latitude	Longitude	Start
54	20.0	46.33	61.35	June 6, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
157	10.00	10.00	6.00
158	6.17	16.17	8.17
159	8.00	24.17	12.17
160	8.00	32.17	16.17
161	7.42	39.58	19.58
162	6.42	46.00	22.00
163	5.58	51.58	23.58
164	5.17	56.75	24.75
165	4.58	61.33	25.33
166	4.67	66.00	26.00
167	5.33	71.33	27.33
168	6.17	77.50	29.50
169	7.00	84.50	32.50
170	8.17	92.67	36.67
171	8.00	100.67	40.67
172	7.00	107.67	43.67
173	5.17	112.83	44.83
174	5.83	118.67	46.67
175	7.67	126.33	50.33
176	8.42	134.75	54.75
177	7.58	142.33	58.33
178	6.33	148.67	60.67
179	8.75	157.42	65.42
180	10.17	167.58	71.58
181	9.08	176.67	76.67

Estimated Deg. days (0) for June/83 = 212.00

182	10.50	187.17	83.17
183	14.00	201.17	93.17
184	13.33	214.50	102.50
185	9.17	223.67	107.67
186	9.67	233.33	113.33
187	13.83	247.17	123.17
188	16.33	263.50	135.50
189	11.67	275.17	143.17
190	8.67	283.83	147.83
191	12.75	296.58	156.58
192	10.00	306.58	162.58
193	9.17	315.75	167.75
194	7.50	323.25	171.25
195	10.17	333.42	177.42
196	12.08	345.50	185.50
197	10.92	356.42	192.42
198	11.50	367.92	199.92
199	12.58	380.50	208.50
200	14.50	395.00	219.00
201	12.58	407.58	227.58
202	14.75	422.33	238.33
203	14.67	437.00	249.00

MARGAREE HARBOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
54	20.0	46.33	61.35	June 6, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
204	9.67	446.67	254.67
205	8.92	455.58	259.58
206	10.75	466.33	266.33
207	9.17	475.50	271.50
208	7.50	483.00	275.00
209	7.50	490.50	278.50
210	9.33	499.83	283.83
211		* NO DATA *	
212	12.00	511.83	291.83

Estimated Deg. days (0) for July/83 = 346.34

213	10.83	522.67	298.67
214	13.25	535.92	307.92
215	15.92	551.83	319.83
216	11.50	563.33	327.33
217	8.33	571.67	331.67
218	9.50	581.17	337.17
219	12.67	593.83	345.83
220	5.75	599.58	347.58
221	9.50	609.08	353.08
222	11.17	620.25	360.25
223	7.83	628.08	364.08
224	6.00	634.08	366.08
225	5.33	639.42	367.42
226	5.00	644.42	368.42
227	6.00	650.42	370.42
228	6.00	656.42	372.42
229	6.33	662.75	374.75
230	6.58	669.33	377.33
231	4.50	673.83	377.83
232	5.67	679.50	379.50
233	7.00	686.50	382.50

Estimated Deg. days (0) for Aug/83 = 257.84

GRANDE ENTREE - LAGUNE MAG PQ

Station	Depth	Latitude	Longitude	Start
55	4.5	47.57	61.53	June 15, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
166	10.00	10.00	6.00
167	10.42	20.42	12.42
168	11.75	32.17	20.17
169	12.67	44.83	28.83
170	13.08	57.92	37.92
171	13.83	71.75	47.75
172	13.67	85.42	57.42
173	12.92	98.33	66.33
174	13.00	111.33	75.33
175	14.58	125.92	85.92
176	15.25	141.17	97.17
177	15.08	156.25	108.25
178	14.42	170.67	118.67
179	14.75	185.42	129.42
180	14.17	199.58	139.58
181	15.00	214.58	150.58

Estimated Deg. days (0) for June/83 = 402.34

182	15.25	229.83	161.83
183	15.50	245.33	173.33
184	15.50	260.83	184.83
185	15.58	276.42	196.42
186	16.17	292.58	208.58
187	17.08	309.67	221.67
188	17.50	327.17	235.17
189	17.17	344.33	248.33
190	17.00	361.33	261.33
191	16.67	378.00	274.00
192	16.50	394.50	286.50
193	16.50	411.00	299.00
194	16.17	427.17	311.17
195	16.00	443.17	323.17
196	16.00	459.17	335.17
197	16.00	475.17	347.17
198	16.00	491.17	359.17
199	15.42	506.58	370.58
200	15.33	521.92	381.92
201	15.33	537.25	393.25
202	14.83	552.08	404.08
203	15.00	567.08	415.08
204	14.50	581.58	425.58
205	14.50	596.08	436.08
206	14.50	610.58	446.58
207	14.58	625.17	457.17
208	15.00	640.17	468.17
209	15.00	655.17	479.17
210	15.00	670.17	490.17
211	15.00	685.17	501.17
212	15.08	700.25	512.25

Total Deg. days (0) for July/83 = 485.67

GRANDE ENTREE - LAGUNE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
55	4.5	47.57	61.53	June 15, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
213	14.92	715.17	523.17
214	15.00	730.17	534.17
215	15.33	745.50	545.50
216	15.92	761.42	557.42
217	15.83	777.25	569.25
218	16.42	793.67	581.67
219	16.50	810.17	594.17
220	17.00	827.17	607.17
221	17.00	844.17	620.17
222	17.00	861.17	633.17
223	16.25	877.42	645.42
224	15.67	893.08	657.08
225	15.17	908.25	668.25
226	15.08	923.33	679.33
227	15.50	938.83	690.83
228	15.58	954.42	702.42
229	16.17	970.58	714.58
230	17.00	987.58	727.58
231	17.00	1004.58	740.58
232	16.75	1021.33	753.33
233	16.83	1038.17	766.17
234	15.67	1053.83	777.83
235	15.33	1069.17	789.17
236	15.00	1084.17	800.17
237	15.00	1099.17	811.17
238	15.00	1114.17	822.17
239	15.00	1129.17	833.17
240	15.00	1144.17	844.17
241	15.00	1159.17	855.17
242	15.00	1174.17	866.17
243	15.00	1189.17	877.17

Total Deg. days (0) for Aug/83 = 488.92

244	15.00	1204.17	888.17
245	15.00	1219.17	899.17
246	15.00	1234.17	910.17
247	15.00	1249.17	921.17
248	15.08	1264.25	932.25
249	15.50	1279.75	943.75
250	16.00	1295.75	955.75
251	16.00	1311.75	967.75
252	15.92	1327.67	979.67
253	15.08	1342.75	990.75
254	14.58	1357.33	1001.33
255	14.33	1371.67	1011.67
256	14.50	1386.17	1022.17
257	14.50	1400.67	1032.67
258	14.33	1415.00	1043.00
259	14.25	1429.25	1053.25

GRANDE ENTREE - LAGUNE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
55	4.5	47.57	61.53	June 15, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
260	14.00	1443.25	1063.25
261	14.00	1457.25	1073.25
262	13.25	1470.50	1082.50
263	13.00	1483.50	1091.50
264	13.58	1497.08	1101.08
265	14.00	1511.08	1111.08
266	14.50	1525.58	1121.58
267	14.50	1540.08	1132.08
268	14.33	1554.42	1142.42
269	14.00	1568.42	1152.42
270	14.00	1582.42	1162.42
271	13.83	1596.25	1172.25
272	13.08	1609.33	1181.33
273	12.83	1622.17	1190.17

Total Deg. days (0) for Sept/83 = 433.00

274	12.50	1634.67	1198.67
275	12.50	1647.17	1207.17
276	12.50	1659.67	1215.67
277	13.00	1672.67	1224.67
278	12.25	1684.92	1232.92
279	12.00	1696.92	1240.92
280	12.00	1708.92	1248.92
281	11.67	1720.58	1256.58
282	11.50	1732.08	1264.08
283	11.17	1743.25	1271.25
284	10.67	1753.92	1277.92
285	10.50	1764.42	1284.42
286	10.50	1774.92	1290.92
287	11.00	1785.92	1297.92
288	11.50	1797.42	1305.42
289	11.08	1808.50	1312.50
290	10.17	1818.67	1318.67
291	10.00	1828.67	1324.67
292	9.92	1838.58	1330.58
293	9.25	1847.83	1335.83
294	8.60	1856.43	1340.43

Estimated Deg. days (0) for Oct/83 = 345.82

HAVRE AUX MAISONS - LAGUNE MAG PQ

Station	Depth	Latitude	Longitude	Start
56A	2.5	47.41	61.87	June 30, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
181	13.33	13.33	9.33
182	13.50	26.83	18.83
183	13.58	40.42	28.42
184	14.42	54.83	38.83
185	15.58	70.42	50.42
186	16.50	86.92	62.92
187	17.17	104.08	76.08
188	17.08	121.17	89.17
189	15.58	136.75	100.75
190	15.83	152.58	112.58
191	15.33	167.92	123.92
192	14.83	182.75	134.75
193	15.33	198.08	146.08
194	15.42	213.50	157.50
195	15.92	229.42	169.42
196	16.33	245.75	181.75
197	16.17	261.92	193.92
198	16.50	278.42	206.42
199	15.67	294.08	218.08
200	15.42	309.50	229.50
201	15.92	325.42	241.42
202	16.08	341.50	253.50
203	15.67	357.17	265.17
204	15.17	372.33	276.33
205	15.08	387.42	287.42
206	15.42	402.83	298.83
207	15.42	418.25	310.25
208	15.92	434.17	322.17
209	16.25	450.42	334.42
210	16.00	466.42	346.42
211	15.67	482.08	358.08
212	14.42	496.50	368.50

Total Deg. days (0) for July/83 = 483.17

213	14.42	510.92	378.92
214	15.08	526.00	390.00
215	15.50	541.50	401.50
216	15.33	556.83	412.83
217	15.50	572.33	424.33
218	15.92	588.25	436.25
219	16.25	604.50	448.50
220	15.92	620.42	460.42
221	16.67	637.08	473.08
222	16.17	653.25	485.25
223	15.58	668.83	496.83
224	15.33	684.17	508.17
225	15.00	699.17	519.17
226	15.33	714.50	530.50
227	16.00	730.50	542.50

HAVRE AUX MAISONS - LAGUNE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
56A	2.5	47.41	61.87	June 30, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
228	16.33	746.83	554.83
229	17.17	764.00	568.00
230	16.58	780.58	580.58
231	17.08	797.67	593.67
232	16.92	814.58	606.58
233	16.92	831.50	619.50
234	15.50	847.00	631.00
235	15.17	862.17	642.17
236	15.08	877.25	653.25
237	15.08	892.33	664.33
238	15.00	907.33	675.33
239	15.00	922.33	686.33
240	15.00	937.33	697.33
241	15.50	952.83	708.83
242	15.17	968.00	720.00
243	15.00	983.00	731.00

Total Deg. days (0) for Aug/83 = 486.50

244	15.00	998.00	742.00
245	15.00	1013.00	753.00
246	15.00	1028.00	764.00
247	15.08	1043.08	775.08
248	15.33	1058.42	786.42
249	16.00	1074.42	798.42
250	16.33	1090.75	810.75
251	16.08	1106.83	822.83
252	13.83	1120.67	832.67
253	13.75	1134.42	842.42
254	13.92	1148.33	852.33
255	14.00	1162.33	862.33
256	14.17	1176.50	872.50
257	14.17	1190.67	882.67
258	13.92	1204.58	892.58
259	13.58	1218.17	902.17
260	13.25	1231.42	911.42
261	13.08	1244.50	920.50
262	13.00	1257.50	929.50
263	13.00	1270.50	938.50
264	13.25	1283.75	947.75
265	14.08	1297.83	957.83
266	15.00	1312.83	968.83
267	14.50	1327.33	979.33
268	14.17	1341.50	989.50
269	14.08	1355.58	999.58
270	14.00	1369.58	1009.58
271	13.50	1383.08	1019.08
272	12.67	1395.75	1027.75
273	12.50	1408.25	1036.25

Total Deg. days (0) for Sept/83 = 425.25

HAVRE AUX MAISONS - LAGUNE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
56A	2.5	47.41	61.87	June 30, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
274	12.08	1420.33	1044.33
275	12.08	1432.42	1052.42
276	12.75	1445.17	1061.17
277	13.08	1458.25	1070.25
278	12.25	1470.50	1078.50
279	11.75	1482.25	1086.25
280	12.00	1494.25	1094.25
281	11.67	1505.92	1101.92
282	11.50	1517.42	1109.42
283	11.17	1528.58	1116.58
284	10.75	1539.33	1123.33
285	10.75	1550.08	1130.08
286	10.83	1560.92	1136.92
287	11.17	1572.08	1144.08
288	12.00	1584.08	1152.08
289	11.00	1595.08	1159.08
290	10.08	1605.17	1165.17
291	10.00	1615.17	1171.17
292	9.83	1625.00	1177.00
293	8.92	1633.92	1181.92
294	8.08	1642.00	1186.00
295	7.67	1649.67	1189.67
296	7.75	1657.42	1193.42
297	7.75	1665.17	1197.17
298	7.58	1672.75	1200.75
299	6.67	1679.42	1203.42
300	6.58	1686.00	1206.00
301	6.58	1692.58	1208.58
302	6.50	1699.08	1211.08
303	5.33	1704.42	1212.42
304	5.42	1709.83	1213.83
Total	Deg. days (0) for Oct/83 =	301.58	
305	5.08	1714.92	1214.92
306	4.33	1719.25	1215.75
307	2.00	1721.25	1215.75

HAVRE AUX MAISONS - LAGUNE MAG PQ

Station	Depth	Latitude	Longitude	Start
56B	4.5	47.42	61.83	June 16, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
167	11.00	11.00	7.00
168	10.75	21.75	13.75
169	11.00	32.75	20.75
170	10.83	43.58	27.58
171	11.08	54.67	34.67
172	11.17	65.83	41.83
173	11.42	77.25	49.25
174	12.67	89.92	57.92
175	13.08	103.00	67.00
176	12.00	115.00	75.00
177	13.17	128.17	84.17
178	13.08	141.25	93.25
179	13.67	154.92	102.92
180	12.00	166.92	110.92
181	12.75	179.67	119.67

Estimated Deg. days (0) for June/83 = 359.33

182	13.67	193.33	129.33
183	13.58	206.92	138.92
184	13.58	220.50	148.50
185	15.00	235.50	159.50
186	15.75	251.25	171.25
187	17.00	268.25	184.25
188	17.17	285.42	197.42
189	17.17	302.58	210.58
190	15.92	318.50	222.50
191	15.33	333.83	233.83
192	15.75	349.58	245.58
193	15.83	365.42	257.42
194	15.33	380.75	268.75
195	15.75	396.50	280.50
196	16.00	412.50	292.50
197	16.00	428.50	304.50
198	16.00	444.50	316.50
199	16.00	460.50	328.50
200	15.75	476.25	340.25
201	16.00	492.25	352.25
202	15.75	508.00	364.00
203	15.25	523.25	375.25
204	15.08	538.33	386.33
205	15.00	553.33	397.33
206	15.00	568.33	408.33
207	15.00	583.33	419.33
208	15.17	598.50	430.50
209	15.17	613.67	441.67
210	15.33	629.00	453.00
211	15.25	644.25	464.25
212	15.25	659.50	475.50

Total Deg. days (0) for July/83 = 479.83

HAVRE AUX MAISONS - LAGUNE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
56B	4.5	47.42	61.83	June 16, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
213	14.17	673.67	485.67
214	14.58	688.25	496.25
215	16.17	704.42	508.42
216	19.00	723.42	523.42
217	16.08	739.50	535.50
218	15.83	755.33	547.33
219	16.08	771.42	559.42
220	15.58	787.00	571.00
221	16.33	803.33	583.33
222	16.25	819.58	595.58
223	15.83	835.42	607.42
224	15.25	850.67	618.67
225	15.00	865.67	629.67
226	15.00	880.67	640.67
227	15.33	896.00	652.00
228	16.00	912.00	664.00
229	16.25	928.25	676.25
230	16.17	944.42	688.42
231	16.75	961.17	701.17
232	16.92	978.08	714.08
233	16.17	994.25	726.25
234	15.83	1010.08	738.08
235	15.00	1025.08	749.08
236	14.75	1039.83	759.83
237	14.58	1054.42	770.42
238	15.00	1069.42	781.42
239	15.00	1084.42	792.42
240	15.00	1099.42	803.42
241	15.00	1114.42	814.42
242	15.00	1129.42	825.42
243	15.00	1144.42	836.42

Total Deg. days (0) for Aug/83 = 484.92

244	15.00	1159.42	847.42
245	14.92	1174.33	858.33
246	14.83	1189.17	869.17
247	15.00	1204.17	880.17
248	15.33	1219.50	891.50
249	15.75	1235.25	903.25
250	16.42	1251.67	915.67
251	15.50	1267.17	927.17
252	13.83	1281.00	937.00
253	13.67	1294.67	946.67
254	13.25	1307.92	955.92
255	13.83	1321.75	965.75
256	14.00	1335.75	975.75
257	14.25	1350.00	986.00
258	14.00	1364.00	996.00
259	13.92	1377.92	1005.92

HAVRE AUX MAISONS - LAGUNE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
56B	4.5	47.42	61.83	June 16, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
260	13.50	1391.42	1015.42
261	13.00	1404.42	1024.42
262	13.00	1417.42	1033.42
263	13.08	1430.50	1042.50
264	13.67	1444.17	1052.17
265	14.42	1458.58	1062.58
266	15.00	1473.58	1073.58
267	15.00	1488.58	1084.58
268	15.00	1503.58	1095.58
269	14.50	1518.08	1106.08
270	14.00	1532.08	1116.08
271	13.92	1546.00	1126.00
272	13.08	1559.08	1135.08
273	13.00	1572.08	1144.08

Total Deg. days (0) for Sept/83 = 427.67

274	12.50	1584.58	1152.58
275	12.50	1597.08	1161.08
276	12.67	1609.75	1169.75
277	12.92	1622.67	1178.67
278	12.08	1634.75	1186.75
279	11.75	1646.50	1194.50
280	11.58	1658.08	1202.08
281	11.50	1669.58	1209.58
282	11.00	1680.58	1216.58
283	10.75	1691.33	1223.33
284	10.50	1701.83	1229.83
285	10.50	1712.33	1236.33
286	10.67	1723.00	1243.00
287	11.50	1734.50	1250.50
288	11.75	1746.25	1258.25
289	10.75	1757.00	1265.00
290	10.00	1767.00	1271.00
291	9.92	1776.92	1276.92
292	9.42	1786.33	1282.33
293	8.83	1795.17	1287.17
294	7.67	1802.83	1290.83
295	7.08	1809.92	1293.92
296	7.00	1816.92	1296.92
297	6.50	1823.42	1299.42
298	7.00	1830.42	1302.42

Estimated Deg. days (0) for Oct/83 = 320.33 .

ILE D'ENTREE MAG PQ

Station	Depth	Latitude	Longitude	Start
57	0.0	47.27	61.70	June 21, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
172	12.50	12.50	8.50
173	12.17	24.67	16.67
174	12.83	37.50	25.50
175	12.92	50.42	34.42
176	13.33	63.75	43.75
177	13.17	76.92	52.92
178	13.33	90.25	62.25
179	13.08	103.33	71.33
180	13.25	116.58	80.58
181	13.67	130.25	90.25
Estimated	Deg. days (0) for June/83 =	390.75	
182	13.50	143.75	99.75
183	13.33	157.08	109.08
184	13.00	170.08	118.08
185	13.17	183.25	127.25
186	13.83	197.08	137.08
187	14.00	211.08	147.08
188	13.75	224.83	156.83
189	13.58	238.42	166.42
190	14.00	252.42	176.42
191	14.00	266.42	186.42
192	14.17	280.58	196.58
193	15.00	295.58	207.58
194	15.00	310.58	218.58
195	15.00	325.58	229.58
196	15.00	340.58	240.58
197	15.08	355.67	251.67
198	16.00	371.67	263.67
199	16.00	387.67	275.67
200	16.00	403.67	287.67
201	16.00	419.67	299.67
202	14.92	434.58	310.58
203	14.33	448.92	320.92
204	13.00	461.92	329.92
205	14.17	476.08	340.08
206	14.75	490.83	350.83
207	14.33	505.17	361.17
208	14.58	519.75	371.75
209	15.00	534.75	382.75
210	15.00	549.75	393.75
211	14.75	564.50	404.50
212	14.58	579.08	415.08
Total	Deg. days (0) for July/83 =	448.83	
213	14.58	593.67	425.67
214	14.08	607.75	435.75
215	14.00	621.75	445.75

ILE D'ENTREE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
57	0.0	47.27	61.70	June 21, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
216	14.17	635.92	455.92
217	14.42	650.33	466.33
218	14.83	665.17	477.17
219	15.00	680.17	488.17
220	14.58	694.75	498.75
221	14.33	709.08	509.08
222	14.83	723.92	519.92
223	14.50	738.42	530.42
224	14.67	753.08	541.08
225	14.17	767.25	551.25
226	15.00	782.25	562.25
227	15.00	797.25	573.25
228	15.00	812.25	584.25
229	15.17	827.42	595.42
230	16.00	843.42	607.42
231	16.00	859.42	619.42
232	15.58	875.00	631.00
233	15.75	890.75	642.75
234	15.25	906.00	654.00
235	15.33	921.33	665.33
236	15.25	936.58	676.58
237	15.00	951.58	687.58
238	15.00	966.58	698.58
239	15.00	981.58	709.58
240	15.00	996.58	720.58
241	14.75	1011.33	731.33
242	14.50	1025.83	741.83
243	14.42	1040.25	752.25

Total Deg. days (0) for Aug/83 = 461.17

244	14.25	1054.50	762.50
245	14.00	1068.50	772.50
246	14.33	1082.83	782.83
247	15.00	1097.83	793.83
248	15.00	1112.83	804.83
249	15.00	1127.83	815.83
250	15.42	1143.25	827.25
251	15.42	1158.67	838.67
252	15.00	1173.67	849.67
253	15.00	1188.67	860.67
254	14.75	1203.42	871.42
255	14.67	1218.08	882.08
256	14.42	1232.50	892.50
257	14.00	1246.50	902.50
258	14.00	1260.50	912.50
259	14.00	1274.50	922.50
260	14.00	1288.50	932.50
261	13.75	1302.25	942.25
262	13.00	1315.25	951.25

ILE D'ENTREE MAG PQ ... continued

Station	Depth	Latitude	Longitude	Start
57	0.0	47.27	61.70	June 21, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
263	13.08	1328.33	960.33
264	13.42	1341.75	969.75
265	14.00	1355.75	979.75
266	14.00	1369.75	989.75
267	13.58	1383.33	999.33
268	13.00	1396.33	1008.33
269	13.25	1409.58	1017.58
270	13.50	1423.08	1027.08
271	13.25	1436.33	1036.33
272	12.75	1449.08	1045.08
273	13.00	1462.08	1054.08

Total Deg. days (0) for Sept/83 = 421.83

274	12.58	1474.67	1062.67
275	12.67	1487.33	1071.33
276	13.33	1500.67	1080.67
277	13.58	1514.25	1090.25
278	12.75	1527.00	1099.00
279	12.75	1539.75	1107.75
280	13.00	1552.75	1116.75
281	12.67	1565.42	1125.42
282	12.50	1577.92	1133.92
283	12.08	1590.00	1142.00
284	12.00	1602.00	1150.00
285	12.00	1614.00	1158.00
286	12.00	1626.00	1166.00
287	12.08	1638.08	1174.08
288	12.25	1650.33	1182.33
289	11.67	1662.00	1190.00
290	11.00	1673.00	1197.00
291	11.00	1684.00	1204.00
292	11.00	1695.00	1211.00
293	10.33	1705.33	1217.33
294	9.67	1715.00	1223.00
295	9.33	1724.33	1228.33
296	9.58	1733.92	1233.92
297	9.67	1743.58	1239.58
298	9.00	1752.58	1244.58
299	8.58	1761.17	1249.17
300	8.67	1769.83	1253.83
301	8.40	1778.23	1258.23

Estimated Deg. days (0) for Oct/83 = 350.02

CARLETON P.Q.

Station	Depth	Latitude	Longitude	Start
62	7.0	48.08	66.12	May 12, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
132	1.67	1.67	0.00
133	1.58	3.25	0.00
134	2.00	5.25	0.00
135	2.50	7.75	0.00
136	2.50	10.25	0.00
137	2.17	12.42	0.00
138	1.83	14.25	0.00
139	1.67	15.92	0.00
140	2.50	18.42	0.00
141	3.33	21.75	0.00
142	3.17	24.92	0.00
143	4.67	29.58	0.83
144	6.00	35.58	2.83
145	6.00	41.58	4.83
146	6.00	47.58	6.83
147	6.17	53.75	9.00
148	6.50	60.25	11.50
149	6.08	66.33	13.58
150	6.08	72.42	15.67
151	6.92	79.33	18.58

Estimated Deg. days (0) for May/83 = 122.97

152	6.08	85.42	20.67
153	5.58	91.00	22.25
154	5.67	96.67	23.92
155	6.00	102.67	25.92
156	5.50	108.17	27.42
157		* NO DATA *	
158		* NO DATA *	
159		* NO DATA *	
160		* NO DATA *	
161		* NO DATA *	
162		* NO DATA *	
163		* NO DATA *	
164	8.00	116.17	31.42
165	8.08	124.25	35.50
166	7.75	132.00	39.25
167	8.08	140.08	43.33
168	7.33	147.42	46.67
169	6.92	154.33	49.58
170	5.58	159.92	51.17
171	6.50	166.42	53.67
172	6.17	172.58	55.83
173	6.67	179.25	58.50
174	8.83	188.08	63.33
175	7.83	195.92	67.17
176	5.42	201.33	68.58
177	7.42	208.75	72.00
178	10.67	219.42	78.67

CARLETON P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
62	7.0	48.08	66.12	May 12, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
179	11.00	230.42	85.67
180	10.00	240.42	91.67
181	9.25	249.67	96.92
Estimated	Deg. days (0) for June/83 =	222.17	
182	8.42	258.08	101.33
183	10.67	268.75	108.00
184	12.25	281.00	116.25
185	13.25	294.25	125.50
186	13.50	307.75	135.00
187	10.00	317.75	141.00
188	8.33	326.08	145.33
189	7.67	333.75	149.00
190	6.33	340.08	151.33
191	5.42	345.50	152.75
192	6.42	351.92	155.17
193	10.33	362.25	161.50
194	13.00	375.25	170.50
195	13.17	388.42	179.67
196	14.83	403.25	190.50
197	12.17	415.42	198.67
198	8.67	424.08	203.33
199	5.75	429.83	205.08
200	3.42	433.25	205.08
201	5.58	438.83	206.92
202	10.08	448.92	213.00
203	12.17	461.08	221.17
204	12.67	473.75	229.83
205	13.33	487.08	239.17
206	13.00	500.08	248.17
207	12.50	512.58	256.67
208	12.75	525.33	265.42
209	12.75	538.08	274.17
210	12.92	551.00	283.08
211	12.08	563.08	291.17
212	10.58	573.67	297.75
Total	Deg. days (0) for July/83 =	324.00	
213	12.42	586.08	306.17
214	11.92	598.00	314.08
215	12.33	610.33	322.42
216	11.33	621.67	329.75
217	12.08	633.75	337.83
218	11.42	645.17	345.25
219	10.25	655.42	351.50
220	9.33	664.75	356.83
221	7.42	672.17	360.25
222	6.92	679.08	363.17

CARLETON P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
62	7.0	48.08	66.12	May 12, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
223	6.75	685.83	365.92
224	7.58	693.42	369.50
225	9.83	703.25	375.33
226	11.00	714.25	382.33
227	11.00	725.25	389.33
228	10.92	736.17	396.25
229	9.83	746.00	402.08
230	11.67	757.67	409.75
231	12.50	770.17	418.25
232	12.25	782.42	426.50
233	8.58	791.00	431.08
234	6.42	797.42	433.58
235	4.33	801.75	433.92
236	8.17	809.92	438.08
237	11.08	821.00	445.17
238	11.50	832.50	452.67
239	12.83	845.33	461.50
240	13.00	858.33	470.50
241	13.42	871.75	479.92
242	13.25	885.00	489.17
243	13.33	898.33	498.50

Total Deg. days (0) for Aug/83 = 324.67

244	13.00	911.33	507.50
245	13.00	924.33	516.50
246	12.17	936.50	524.67
247	12.17	948.67	532.83
248	12.08	960.75	540.92
249	13.17	973.92	550.08
250	11.75	985.67	557.83
251	8.92	994.58	562.75
252	7.42	1002.00	566.17
253	7.08	1009.08	569.25
254	10.17	1019.25	575.42
255	8.25	1027.50	579.67
256	7.17	1034.67	582.83
257	7.33	1042.00	586.17
258	7.00	1049.00	589.17
259	7.00	1056.00	592.17
260	7.83	1063.83	596.00
261	9.17	1073.00	601.17
262	10.33	1083.33	607.50
263	11.00	1094.33	614.50
264	11.50	1105.83	622.00
265	11.92	1117.75	629.92
266	10.25	1128.00	636.17
267	9.58	1137.58	641.75
268	9.33	1146.92	647.08
269	9.08	1156.00	652.17

CARLETON P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
62	7.0	48.08	66.12	May 12, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
270	8.25	1164.25	656.42
271	7.00	1171.25	659.42
272	6.67	1177.92	662.08
273	6.92	1184.83	665.00

Total Deg. days (0) for Sept/83 = 286.50

274	7.33	1192.17	668.33
275	8.00	1200.17	672.33
276	8.42	1208.58	676.75
277	8.75	1217.33	681.50
278	9.00	1226.33	686.50
279	9.00	1235.33	691.50
280	9.00	1244.33	696.50
281	9.00	1253.33	701.50
282	8.75	1262.08	706.25
283	8.50	1270.58	710.75
284	8.58	1279.17	715.33
285	9.00	1288.17	720.33
286	9.00	1297.17	725.33
287	9.00	1306.17	730.33
288	7.75	1313.92	734.08
289	7.67	1321.58	737.75
290	7.60	1329.18	741.35

Estimated Deg. days (0) for Oct/83 = 263.23

PASPEBIAC P.Q.

Station	Depth	Latitude	Longitude	Start
63	10.0	48.02	65.25	May 12, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
132	4.50	4.50	0.50
133	3.75	8.25	0.50
134	3.00	11.25	0.50
135	3.00	14.25	0.50
136	2.42	16.67	0.50
137	1.08	17.75	0.50
138	2.00	19.75	0.50
139	2.92	22.67	0.50
140	2.83	25.50	0.50
141	3.00	28.50	0.50
142	3.33	31.83	0.50
143	3.83	35.67	0.67
144	4.17	39.83	0.83
145	4.33	44.17	1.17
146	4.75	48.92	2.00
147	3.00	51.92	2.00
148	3.00	54.92	2.00
149	3.50	58.42	2.00
150	3.17	61.58	2.00
151	3.75	65.33	2.00

Estimated Deg. days (0) for May/83 = 101.27

152	4.83	70.17	2.83
153	4.25	74.42	3.08
154	4.33	78.75	3.42
155	3.50	82.25	3.42
156	3.50	85.75	3.50
157	4.00	89.75	3.67
158	4.58	94.33	4.42
159	3.42	97.75	4.42
160	3.67	101.42	4.42
161	3.67	105.08	4.42
162	5.08	110.17	5.50
163	6.50	116.67	8.00
164	6.25	122.92	10.25
165	6.08	129.00	12.33
166	6.83	135.83	15.17
167	7.58	143.42	18.75
168	6.33	149.75	21.08
169	5.83	155.58	22.92
170	4.92	160.50	23.83
171	4.58	165.08	24.50
172	6.00	171.08	26.50
173	9.75	180.83	32.25
174	10.33	191.17	38.58
175	8.08	199.25	42.75
176	3.42	202.67	42.75
177	5.08	207.75	43.83
178	10.00	217.75	49.83

PASPEBIAC P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
63	10.0	48.02	65.25	May 12, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
179	9.00	226.75	54.83
180	8.33	235.08	59.17
181	7.83	242.92	63.00
Total	Deg. days (0) for June/83 =	177.58	
182	8.83	251.75	67.83
183	9.92	261.67	73.75
184	10.33	272.00	80.08
185	11.67	283.67	87.75
186	12.67	296.33	96.42
187	9.17	305.50	101.58
188	7.75	313.25	105.33
189	8.08	321.33	109.42
190	9.17	330.50	114.58
191	6.67	337.17	117.25
192	7.75	344.92	121.00
193	10.17	355.08	127.17
194	11.83	366.92	135.00
195	11.17	378.08	142.17
196	12.17	390.25	150.33
197	12.42	402.67	158.75
198	9.25	411.92	164.00
199	5.08	417.00	165.08
200	3.75	420.75	165.25
201	8.83	429.58	170.08
202	11.17	440.75	177.25
203	11.75	452.50	185.00
204	13.00	465.50	194.00
205	13.00	478.50	203.00
206	13.50	492.00	212.50
207	13.92	505.92	222.42
208	12.33	518.25	230.75
209	12.67	530.92	239.42
210	12.83	543.75	248.25
211	12.17	555.92	256.42
212	8.67	564.58	261.08
Total	Deg. days (0) for July/83 =	321.67	
213	6.75	571.33	263.83
214	9.58	580.92	269.42
215	11.08	592.00	276.50
216	10.67	602.67	283.17
217	10.50	613.17	289.67
218	9.67	622.83	295.33
219	9.33	632.17	300.67
220	9.00	641.17	305.67
221	8.83	650.00	310.50
222	7.83	657.83	314.33

PASPEBIAC P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
63	10.0	48.02	65.25	May 12, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
223	8.17	666.00	318.50
224	10.50	676.50	325.00
225	13.00	689.50	334.00
226	13.00	702.50	343.00
227	13.00	715.50	352.00
228	13.08	728.58	361.08
229	13.17	741.75	370.25
230	12.92	754.67	379.17
231	14.50	769.17	389.67
232	12.83	782.00	398.50
233	10.67	792.67	405.17
234	3.50	796.17	405.33
235	7.25	803.42	408.58
236	9.50	812.92	414.08
237	11.83	824.75	421.92
238	12.00	836.75	429.92
239	12.00	848.75	437.92
240	12.00	860.75	445.92
241	12.00	872.75	453.92
242	12.00	884.75	461.92
243	12.42	897.17	470.33

Total Deg. days (0) for Aug/83 = 332.58

244	13.00	910.17	479.33
245	12.17	922.33	487.50
246	12.58	934.92	496.08
247	12.83	947.75	504.92
248	11.00	958.75	511.92
249	10.83	969.58	518.75
250	11.25	980.83	526.00
251	10.75	991.58	532.75
252	6.75	998.33	535.50
253	5.83	1004.17	537.33
254	6.92	1011.08	540.25
255	9.00	1020.08	545.25
256	8.25	1028.33	549.50
257	8.00	1036.33	553.50
258	8.50	1044.83	558.00
259	8.58	1053.42	562.58
260	9.00	1062.42	567.58
261	9.00	1071.42	572.58
262	9.75	1081.17	578.33
263	9.67	1090.83	584.00
264	9.50	1100.33	589.50
265	9.58	1109.92	595.08
266	8.83	1118.75	599.92
267	7.00	1125.75	602.92
268	7.00	1132.75	605.92
269	7.42	1140.17	609.33

PASPEBIAC P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
63	10.0	48.02	65.25	May 12, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
270	8.42	1148.58	613.75
271	8.67	1157.25	618.42
272	8.33	1165.58	622.75
273	8.33	1173.92	627.08

Total Deg. days (0) for Sept/83 = 276.75

274	9.17	1183.08	632.25
275	10.00	1193.08	638.25
276	10.42	1203.50	644.67
277	10.67	1214.17	651.33
278	10.00	1224.17	657.33
279	10.00	1234.17	663.33
280	9.92	1244.08	669.25
281	9.00	1253.08	674.25
282	9.00	1262.08	679.25
283	8.58	1270.67	683.83
284	8.75	1279.42	688.58
285	8.83	1288.25	693.42
286	8.25	1296.50	697.67
287	8.92	1305.42	702.58
288	9.00	1314.42	707.58
289	6.83	1321.25	710.42
290	5.92	1327.17	712.33
291	7.75	1334.92	716.08
292	7.00	1341.92	719.08

Estimated Deg. days (0) for Oct/83 = 274.11

GRANDE-RIVIERE P.Q.

Station	Depth	Latitude	Longitude	Start
64	10.0	48.38	64.50	May 13, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
133	1.67	1.67	0.00
134	1.92	3.58	0.00
135	2.00	5.58	0.00
136	1.83	7.42	0.00
137	1.92	9.33	0.00
138	1.50	10.83	0.00
139	1.58	12.42	0.00
140	2.00	14.42	0.00
141	2.17	16.58	0.00
142	2.83	19.42	0.00
143	3.50	22.92	0.00
144	3.00	25.92	0.00
145	3.00	28.92	0.00
146	3.00	31.92	0.00
147	3.00	34.92	0.00
148	3.17	38.08	0.00
149	3.25	41.33	0.00
150	3.08	44.42	0.00
151	4.00	48.42	0.00

Estimated Deg. days (0) for May/83 = 79.00

152	3.58	52.00	0.00
153	2.83	54.83	0.00
154	2.50	57.33	0.00
155	2.67	60.00	0.00
156	3.50	63.50	0.00
157	4.58	68.08	0.58
158	4.50	72.58	1.08
159	4.33	76.92	1.42
160	4.42	81.33	1.83
161	5.08	86.42	2.92
162	5.75	92.17	4.67
163	5.83	98.00	6.50
164	6.00	104.00	8.50
165	6.33	110.33	10.83
166	5.83	116.17	12.67
167	5.58	121.75	14.25
168	4.75	126.50	15.08
169	4.08	130.58	15.25
170	5.25	135.83	16.50
171	7.42	143.25	19.92
172	8.67	151.92	24.58
173	9.00	160.92	29.58
174	9.00	169.92	34.58
175	8.08	178.00	38.67
176	7.50	185.50	42.17
177	9.83	195.33	48.00
178	10.00	205.33	54.00
179	9.33	214.67	59.33

GRANDE-RIVIERE P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
64	10.0	48.38	64.50	May 13, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
180	9.67	224.33	65.00
181	10.00	234.33	71.00
Total	Deg. days (0) for June/83 =	185.92	
182	9.67	244.00	76.67
183	9.50	253.50	82.17
184	11.42	264.92	89.58
185	10.00	274.92	95.58
186	8.50	283.42	100.08
187	7.08	290.50	103.17
188	8.42	298.92	107.58
189	9.92	308.83	113.50
190	9.92	318.75	119.42
191	11.17	329.92	126.58
192	11.75	341.67	134.33
193	10.83	352.50	141.17
194	11.25	363.75	148.42
195	11.75	375.50	156.17
196	11.00	386.50	163.17
197	9.58	396.08	168.75
198	8.92	405.00	173.67
199	7.83	412.83	177.50
200	11.00	423.83	184.50
201	11.08	434.92	191.58
202	11.50	446.42	199.08
203	11.08	457.50	206.17
204	11.75	469.25	213.92
205	12.17	481.42	222.08
206	12.00	493.42	230.08
207	12.92	506.33	239.00
208	12.50	518.83	247.50
209	13.08	531.92	256.58
210	11.83	543.75	264.42
211	11.25	555.00	271.67
212	8.58	563.58	276.25
Total	Deg. days (0) for July/83 =	329.25	
213	10.33	573.92	282.58
214	11.00	584.92	289.58
215	11.00	595.92	296.58
216	10.83	606.75	303.42
217	11.17	617.92	310.58
218	11.67	629.58	318.25
219	10.67	640.25	324.92
220	11.08	651.33	332.00
221	11.17	662.50	339.17
222	12.08	674.58	347.25
223	12.00	686.58	355.25

GRANDE-RIVIERE P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
64	10.0	48.38	64.50	May 13, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
224	12.75	699.33	364.00
225	12.42	711.75	372.42
226	12.17	723.92	380.58
227	12.25	736.17	388.83
228	12.58	748.75	397.42
229	12.50	761.25	405.92
230	12.25	773.50	414.17
231	13.75	787.25	423.92
232	13.08	800.33	433.00
233	12.08	812.42	441.08
234	8.50	820.92	445.58
235	11.00	831.92	452.58
236	10.75	842.67	459.33
237	11.00	853.67	466.33
238	11.00	864.67	473.33
239	11.00	875.67	480.33
240	11.58	887.25	487.92
241	11.83	899.08	495.75
242	10.58	909.67	502.33
243	11.50	921.17	509.83

Total Deg. days (0) for Aug/83 = 357.58

244	11.67	932.83	517.50
245	10.92	943.75	524.42
246	10.67	954.42	531.08
247	11.00	965.42	538.08
248	9.08	974.50	543.17
249	8.67	983.17	547.83
250	9.83	993.00	553.67
251	8.00	1001.00	557.67
252	6.83	1007.83	560.50
253	7.75	1015.58	564.25
254	8.83	1024.42	569.08
255	8.67	1033.08	573.75
256	7.75	1040.83	577.50
257	8.00	1048.83	581.50
258	8.92	1057.75	586.42
259	9.00	1066.75	591.42
260	9.00	1075.75	596.42
261	9.50	1085.25	601.92
262	9.50	1094.75	607.42
263	9.50	1104.25	612.92
264	9.58	1113.83	618.50
265	8.83	1122.67	623.33
266	8.58	1131.25	627.92
267	7.42	1138.67	631.33
268	8.42	1147.08	635.75
269	8.50	1155.58	640.25
270	8.25	1163.83	644.50

GRANDE-RIVIERE P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
64	10.0	48.38	64.50	May 13, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
271	8.00	1171.83	648.50
272	8.17	1180.00	652.67
273	8.33	1188.33	657.00
Total	Deg. days (0) for Sept/83 =	267.17	
274	8.50	1196.83	661.50
275	8.50	1205.33	666.00
276	8.67	1214.00	670.67
277	8.75	1222.75	675.42
278	8.67	1231.42	680.08
279	8.50	1239.92	684.58
280	8.08	1248.00	688.67
281	7.25	1255.25	691.92
282	7.00	1262.25	694.92
283	7.00	1269.25	697.92
284	7.08	1276.33	701.00
285	7.08	1283.42	704.08
286	7.00	1290.42	707.08
287	7.08	1297.50	710.17
288	7.25	1304.75	713.42
289	6.17	1310.92	715.58
290	6.53	1317.45	718.12
291	6.75	1324.20	720.87
292	6.50	1330.70	723.37
Estimated	Deg. days (0) for Oct/83 =	232.28	

MARSOUI P.Q.

Station	Depth	Latitude	Longitude	Start
66	9.0	49.22	66.06	May 13, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
133	3.00	3.00	0.00
134	3.00	6.00	0.00
135	3.83	9.83	0.00
136	3.08	12.92	0.00
137	3.42	16.33	0.00
138	4.25	20.58	0.25
139	5.00	25.58	1.25
140	4.50	30.08	1.75
141	4.67	34.75	2.42
142	5.08	39.83	3.50
143	4.58	44.42	4.08
144	3.08	47.50	4.08
145	2.67	50.17	4.08
146	3.50	53.67	4.08
147	2.83	56.50	4.08
148	2.50	59.00	4.08
149	3.00	62.00	4.08
150	3.17	65.17	4.08
151	2.33	67.50	4.08

Estimated Deg. days (0) for May/83 = 110.13

152	2.67	70.17	4.17
153	4.75	74.92	4.92
154	6.00	80.92	6.92
155	6.00	86.92	8.92
156	6.33	93.25	11.25
157	5.83	99.08	13.08
158	6.83	105.92	15.92
159	7.58	113.50	19.50
160	7.58	121.08	23.08
161	6.75	127.83	25.83
162	6.83	134.67	28.67
163	7.33	142.00	32.00
164	8.17	150.17	36.17
165	7.83	158.00	40.00
166	8.50	166.50	44.50
167	7.33	173.83	47.83
168	8.42	182.25	52.25
169	9.33	191.58	57.58
170	10.42	202.00	64.00
171	9.83	211.83	69.83
172	9.83	221.67	75.67
173	10.08	231.75	81.75
174	12.00	243.75	89.75
175	12.50	256.25	98.25
176	11.58	267.83	105.83
177	8.75	276.58	110.58
178	9.00	285.58	115.58
179	10.00	295.58	121.58

MARSOUI P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
66	9.0	49.22	66.06	May 13, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
180	10.17	305.75	127.75
181	9.75	315.50	133.50
Total	Deg. days (0) for June/83 =	248.00	
182	10.50	326.00	140.00
183	10.92	336.92	146.92
184	9.75	346.67	152.67
185	8.33	355.00	157.00
186	11.42	366.42	164.42
187	12.83	379.25	173.25
188	12.42	391.67	181.67
189	12.33	404.00	190.00
190	12.33	416.33	198.33
191	11.00	427.33	205.33
192	9.58	436.92	210.92
193	9.67	446.58	216.58
194	10.67	457.25	223.25
195	10.67	467.92	229.92
196	9.00	476.92	234.92
197	10.25	487.17	241.17
198	11.50	498.67	248.67
199	11.00	509.67	255.67
200	10.83	520.50	262.50
201	10.83	531.33	269.33
202	10.00	541.33	275.33
203	6.42	547.75	277.75
204	9.50	557.25	283.25
205	11.17	568.42	290.42
206	10.67	579.08	297.08
207	10.67	589.75	303.75
208	12.58	602.33	312.33
209	10.25	612.58	318.58
210	8.58	621.17	323.17
211	11.25	632.42	330.42
212	13.50	645.92	339.92
Total	Deg. days (0) for July/83 =	330.42	
213	12.75	658.67	348.67
214	13.42	672.08	358.08
215	13.75	685.83	367.83
216	13.50	699.33	377.33
217	12.25	711.58	385.58
218	13.83	725.42	395.42
219	15.00	740.42	406.42
220	15.00	755.42	417.42
221	13.42	768.83	426.83
222	12.00	780.83	434.83
223	12.33	793.17	443.17

MARSOUI P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
66	9.0	49.22	66.06	May 13, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
224	12.75	805.92	451.92
225	12.67	818.58	460.58
226	12.00	830.58	468.58
227	11.33	841.92	475.92
228	11.75	853.67	483.67
229	12.50	866.17	492.17
230	12.33	878.50	500.50
231	12.33	890.83	508.83
232	11.25	902.08	516.08
233	11.33	913.42	523.42
234	11.42	924.83	530.83
235	11.00	935.83	537.83
236	10.00	945.83	543.83
237	10.33	956.17	550.17
238	10.00	966.17	556.17
239	9.00	975.17	561.17
240	9.00	984.17	566.17
241	9.00	993.17	571.17
242	8.50	1001.67	575.67
243	8.67	1010.33	580.33
Total	Deg. days (0) for Aug/83 =	364.42	
244	6.67	1017.00	583.00
245	7.25	1024.25	586.25
246	8.83	1033.08	591.08
247	8.42	1041.50	595.50
248	9.17	1050.67	600.67
249	9.33	1060.00	606.00
250	8.33	1068.33	610.33
251	9.08	1077.42	615.42
252	10.00	1087.42	621.42
253	10.00	1097.42	627.42
254	9.83	1107.25	633.25
255	9.75	1117.00	639.00
256	10.00	1127.00	645.00
257	10.00	1137.00	651.00
258	10.00	1147.00	657.00
259	10.00	1157.00	663.00
260	9.58	1166.58	668.58
261	9.25	1175.83	673.83
262	9.08	1184.92	678.92
263	9.50	1194.42	684.42
264	9.17	1203.58	689.58
265	9.25	1212.83	694.83
266	9.08	1221.92	699.92
267	8.08	1230.00	704.00
268	8.00	1238.00	708.00
269	8.00	1246.00	712.00
270	8.25	1254.25	716.25

MARSOUI P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
66	9.0	49.22	66.06	May 13, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
271	8.67	1262.92	720.92
272	9.00	1271.92	725.92
273	8.50	1280.42	730.42
Total	Deg. days (0) for Sept/83 =	270.08	
274	8.00	1288.42	734.42
275	8.17	1296.58	738.58
276	8.50	1305.08	743.08
277	7.58	1312.67	746.67
278	7.25	1319.92	749.92
279	6.25	1326.17	752.17
280	7.00	1333.17	755.17
281	7.00	1340.17	758.17
282	6.50	1346.67	760.67
283	6.75	1353.42	763.42
284	6.92	1360.33	766.33
285	6.75	1367.08	769.08
286	7.00	1374.08	772.08
287	7.00	1381.08	775.08
288	6.50	1387.58	777.58
289	6.50	1394.08	780.08
290	6.50	1400.58	782.58
291	6.50	1407.08	785.08
292	6.00	1413.08	787.08
293	6.00	1419.08	789.08
294	6.00	1425.08	791.08
Estimated	Deg. days (0) for Oct/83 =	213.56	

POINTE-AU-PERE P.Q.

Station	Depth	Latitude	Longitude	Start
68	8.0	48.52	68.47	May 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
137	5.00	5.00	1.00
138	3.08	8.08	1.00
139	3.42	11.50	1.00
140	3.92	15.42	1.00
141	4.42	19.83	1.42
142	4.83	24.67	2.25
143	3.92	28.58	2.50
144	1.75	30.33	2.50
145	1.92	32.25	2.50
146	1.50	33.75	2.50
147	1.92	35.67	2.50
148	2.42	38.08	2.50
149	2.50	40.58	2.50
150	3.08	43.67	2.50
151	3.00	46.67	2.50

Estimated Deg. days (0) for May/83 = 96.44

152	3.00	49.67	2.50
153	3.50	53.17	2.50
154	4.75	57.92	3.25
155	5.25	63.17	4.50
156	5.58	68.75	6.08
157	6.25	75.00	8.33
158	7.83	82.83	12.17
159	8.58	91.42	16.75
160	7.75	99.17	20.50
161	6.17	105.33	22.67
162	5.17	110.50	23.83
163	4.00	114.50	23.83
164	3.42	117.92	23.83
165	3.33	121.25	23.83
166	3.08	124.33	23.83
167	3.67	128.00	24.00
168	4.17	132.17	24.17
169	5.25	137.42	25.42
170	6.58	144.00	28.00
171	7.75	151.75	31.75
172	8.08	159.83	35.83
173	9.00	168.83	40.83
174	8.75	177.58	45.58
175	8.92	186.50	50.50
176	8.17	194.67	54.67
177	7.30	201.97	57.97
178	6.50	208.47	60.47
179	6.83	215.30	63.30
180	6.42	221.72	65.72
181	6.42	228.13	68.13

Total Deg. days (0) for June/83 = 181.47

POINTE-AU-PERE P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
68	8.0	48.52	68.47	May 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
182	6.83	234.97	70.97
183	7.08	242.05	74.05
184	5.92	247.97	75.97
185	7.33	255.30	79.30
186	9.75	265.05	85.05
187	9.58	274.63	90.63
188	9.50	284.13	96.13
189	9.83	293.97	101.97
190	8.67	302.63	106.63
191	8.00	310.63	110.63
192	6.67	317.30	113.30
193	5.67	322.97	114.97
194	5.00	327.97	115.97
195	5.00	332.97	116.97
196	4.75	337.72	117.72
197	4.58	342.30	118.30
198	5.00	347.30	119.30
199	5.75	353.05	121.05
200	6.42	359.47	123.47
201	7.67	367.13	127.13
202	8.17	375.30	131.30
203	7.50	382.80	134.80
204	7.67	390.47	138.47
205	8.33	398.80	142.80
206	7.08	405.88	145.88
207	7.25	413.13	149.13
208	7.42	420.55	152.55
209	7.00	427.55	155.55
210	7.08	434.63	158.63
211	7.83	442.47	162.47
212	8.25	450.72	166.72

Total Deg. days (0) for July/83 = 222.58

213	8.08	458.80	170.80
214	8.17	466.97	174.97
215	8.08	475.05	179.05
216	8.08	483.13	183.13
217	7.83	490.97	186.97
218	8.92	499.88	191.88
219	8.75	508.63	196.63
220	8.42	517.05	201.05
221	8.33	525.38	205.38
222	7.50	532.88	208.88
223	6.67	539.55	211.55
224	5.42	544.97	212.97
225	5.08	550.05	214.05
226	5.33	555.38	215.38
227	5.42	560.80	216.80
228	5.33	566.13	218.13

POINTE-AU-PERE P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
68	8.0	48.52	68.47	May 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
229	6.17	572.30	220.30
230	6.25	578.55	222.55
231	6.58	585.13	225.13
232	8.25	593.38	229.38
233	9.50	602.88	234.88
234	8.42	611.30	239.30
235	8.42	619.72	243.72
236	7.75	627.47	247.47
237	7.00	634.47	250.47
238	6.33	640.80	252.80
239	6.33	647.13	255.13
240	5.50	652.63	256.63
241	5.42	658.05	258.05
242	5.00	663.05	259.05
243	5.00	668.05	260.05

Total Deg. days (0) for Aug/83 = 217.33

244	5.08	673.13	261.13
245	5.33	678.47	262.47
246	5.17	683.63	263.63
247	6.08	689.72	265.72
248	7.08	696.80	268.80
249	7.83	704.63	272.63
250	7.75	712.38	276.38
251	7.42	719.80	279.80
252	6.25	726.05	282.05
253	5.17	731.22	283.22
254	4.92	736.13	284.13
255	5.00	741.13	285.13
256	4.92	746.05	286.05
257	5.17	751.22	287.22
258	5.33	756.55	288.55
259	5.58	762.13	290.13
260	5.58	767.72	291.72
261	5.92	773.63	293.63
262	6.42	780.05	296.05
263	7.00	787.05	299.05
264	6.33	793.38	301.38
265	6.33	799.72	303.72
266	6.17	805.88	305.88
267	6.17	812.05	308.05
268	5.58	817.63	309.63
269	5.17	822.80	310.80
270	5.00	827.80	311.80
271	5.08	832.88	312.88
272	5.25	838.13	314.13
273	5.00	843.13	315.13

Total Deg. days (0) for Sept/83 = 175.08

POINTE-AU-PERE P.Q. ... continued

Station	Depth	Latitude	Longitude	Start
68	8.0	48.52	68.47	May 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
274	5.00	848.13	316.13
275	5.42	853.55	317.55
276	6.08	859.63	319.63
277	6.17	865.80	321.80
278	6.00	871.80	323.80
279	5.00	876.80	324.80
280	4.50	881.30	325.30
281	4.67	885.97	325.97
282	3.83	889.80	326.13
283	3.50	893.30	326.13
284	3.50	896.80	326.13
285	3.50	900.30	326.13
286	3.83	904.13	326.13
287	4.08	908.22	326.22
288	5.42	913.63	327.63
289	5.08	918.72	328.72
290	5.00	923.72	329.72
291	5.00	928.72	330.72
292	5.00	933.72	331.72
293	5.00	938.72	332.72
294	4.17	942.88	332.88
295	3.75	946.63	332.88
296	3.17	949.80	332.88
297	3.00	952.80	332.88
298	2.92	955.72	332.88
299	2.50	958.22	332.88

Estimated Deg. days (0) for Oct/83 = 137.21

RIVIERE DU LOUP PQ

Station	Depth	Latitude	Longitude	Start
69	7.0	47.85	69.57	May 20, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
140	6.00	6.00	2.00
141	6.08	12.08	4.08
142	5.58	17.67	5.75
143	5.25	22.92	7.25
144	4.42	27.33	7.75
145	4.33	31.67	8.08
146	4.33	36.00	8.42
147	4.58	40.58	9.00
148	4.58	45.17	9.58
149	4.75	49.92	10.33
150	5.25	55.17	11.58
151	5.17	60.33	12.75
Estimated	Deg. days (0) for May/83 =	155.86	
152	5.17	65.50	13.92
153	6.08	71.58	16.00
154	7.17	78.75	19.17
155	7.83	86.58	23.00
156	7.33	93.92	26.33
157	7.42	101.33	29.75
158	8.00	109.33	33.75
159	8.42	117.75	38.17
160	7.00	124.75	41.17
161	6.92	131.67	44.08
162	6.17	137.83	46.25
163	6.42	144.25	48.67
164	6.67	150.92	51.33
165	7.33	158.25	54.67
166	7.25	165.50	57.92
167	7.75	173.25	61.67
168	8.58	181.83	66.25
169	9.58	191.42	71.83
170	10.58	202.00	78.42
171	10.67	212.67	85.08
172	10.58	223.25	91.67
173	10.83	234.08	98.50
174	11.33	245.42	105.83
175	12.25	257.67	114.08
176	10.08	267.75	120.17
177	9.58	277.33	125.75
178	10.50	287.83	132.25
179	10.58	298.42	138.83
180	10.75	309.17	145.58
181	11.25	320.42	152.83
Total	Deg. days (0) for June/83 =	260.08	
182	11.67	332.08	160.50
183	12.25	344.33	168.75

RIVIERE DU LOUP PQ ... continued

Station	Depth	Latitude	Longitude	Start
69	7.0	47.85	69.57	May 20, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
184	10.75	355.08	175.50
185	11.67	366.75	183.17
186	13.50	380.25	192.67
187	12.33	392.58	201.00
188	10.17	402.75	207.17
189	11.00	413.75	214.17
190	11.67	425.42	221.83
191	10.50	435.92	228.33
192	9.75	445.67	234.08
193	9.83	455.50	239.92
194	9.67	465.17	245.58
195	9.83	475.00	251.42
196	10.75	485.75	258.17
197	10.50	496.25	264.67
198	11.25	507.50	271.92
199	12.67	520.17	280.58
200	13.92	534.08	290.50
201	13.92	548.00	300.42
202	12.67	560.67	309.08
203	12.33	573.00	317.42
204	12.50	585.50	325.92
205	12.83	598.33	334.75
206	12.17	610.50	342.92
207	12.33	622.83	351.25
208	12.33	635.17	359.58
209	13.17	648.33	368.75
210	14.17	662.50	378.92
211	13.92	676.42	388.83
212	13.83	690.25	398.67

Total Deg. days (0) for July/83 = 369.83

213	12.92	703.17	407.58
214	13.17	716.33	416.75
215	13.42	729.75	426.17
216	14.33	744.08	436.50
217	13.50	757.58	446.00
218	13.25	770.83	455.25
219	13.50	784.33	464.75
220	13.42	797.75	474.17
221	13.42	811.17	483.58
222	12.33	823.50	491.92
223	11.92	835.42	499.83
224	11.58	847.00	507.42
225	11.50	858.50	514.92
226	12.50	871.00	523.42
227	13.42	884.42	532.83
228	14.08	898.50	542.92
229	15.67	914.17	554.58
230	14.50	928.67	565.08

RIVIERE DU LOUP PQ ... continued

Station	Depth	Latitude	Longitude	Start
69	7.0	47.85	69.57	May 20, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
231	14.58	943.25	575.67
232	14.17	957.42	585.83
233	15.58	973.00	597.42
234	14.50	987.50	607.92
235	13.33	1000.83	617.25
236	12.83	1013.67	626.08
237	13.25	1026.92	635.33
238	13.08	1040.00	644.42
239	13.33	1053.33	653.75
240	12.92	1066.25	662.67
241	12.75	1079.00	671.42
242	12.75	1091.75	680.17
243	12.50	1104.25	688.67
Total	Deg. days (0) for Aug/83 =	414.00	
244	12.42	1116.67	697.08
245	13.33	1130.00	706.42
246	13.83	1143.83	716.25
247	13.67	1157.50	725.92
248	15.33	1172.83	737.25
249	15.33	1188.17	748.58
250	14.67	1202.83	759.25
251	14.33	1217.17	769.58
252	13.83	1231.00	779.42
253	13.92	1244.92	789.33
254	13.50	1258.42	798.83
255	14.08	1272.50	808.92
256	14.25	1286.75	819.17
257	15.08	1301.83	830.25
258	15.83	1317.67	842.08
259	16.08	1333.75	854.17
260	15.75	1349.50	865.92
261	15.25	1364.75	877.17
262	15.58	1380.33	888.75
263	17.58	1397.92	902.33
264	18.42	1416.33	916.75
265	18.92	1435.25	931.67
266	18.83	1454.08	946.50
267	19.25	1473.33	961.75
268	19.33	1492.67	977.08
269	19.92	1512.58	993.00
270	20.08	1532.67	1009.08
271	20.25	1552.92	1025.33
272	20.75	1573.67	1042.08
273	21.67	1595.33	1059.75
Total	Deg. days (0) for Sept/83 =	491.08	
274	21.17	1616.50	1076.92

RIVIERE DU LOUP PQ ... continued

Station	Depth	Latitude	Longitude	Start
69	7.0	47.85	69.57	May 20, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
275	21.42	1637.92	1094.33
276	21.92	1659.83	1112.25
277	21.67	1681.50	1129.92
278	20.42	1701.92	1146.33
279	19.50	1721.42	1161.83
280	20.00	1741.42	1177.83
281	19.67	1761.08	1193.50
282	19.33	1780.42	1208.83
283	19.33	1799.75	1224.17
284	19.58	1819.33	1239.75
285	20.17	1839.50	1255.92
286	20.83	1860.33	1272.75
287	21.17	1881.50	1289.92
288	23.00	1904.50	1308.92
289	22.25	1926.75	1327.17
290	21.33	1948.08	1344.50
291	21.00	1969.08	1361.50
292	20.67	1989.75	1378.17
293	20.42	2010.17	1394.58
294	20.00	2030.17	1410.58
295	19.92	2050.08	1426.50
296	19.83	2069.92	1442.33
297	19.83	2089.75	1458.17
298	19.70	2109.45	1473.87

Estimated Deg. days (0) for Oct/83 = 637.50

POINTE DES MONTS PQ

Station	Depth	Latitude	Longitude	Start
70A	7.0	49.32	67.38	June 13, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
164	4.58	4.58	0.67
165	5.42	10.00	2.08
166	7.17	17.17	5.25
167	6.50	23.67	7.75
168	6.50	30.17	10.25
169	7.58	37.75	13.83
170	6.75	44.50	16.58
171	7.58	52.08	20.17
172	7.50	59.58	23.83
173	3.08	62.67	23.83
174	1.67	64.33	23.83
175	1.00	65.33	23.83
176	1.33	66.67	23.83
177	4.33	71.00	24.33
178	4.83	75.83	25.25
179	3.17	79.00	25.25
180	1.67	80.67	25.25
181	2.08	82.75	25.25

Estimated Deg. days (0) for June/83 = 137.92

182	2.50	85.25	25.25
183	3.00	88.25	25.42
184	3.00	91.25	25.75
185	4.58	95.83	26.58
186	2.83	98.67	26.75
187	2.50	101.17	26.92
188	1.00	102.17	26.92
189	1.42	103.58	26.92
190	1.25	104.92	26.92
191	1.83	106.75	26.92
192	1.67	108.42	26.92
193	2.92	111.33	27.08
194	8.00	119.33	31.08
195	6.08	125.42	33.17
196	5.33	130.75	34.50
197	7.00	137.75	37.50
198	5.83	143.58	39.33
199	6.67	150.25	42.00
200	6.33	156.58	44.33
201	5.08	161.67	45.42
202	5.92	167.58	47.50
203	8.25	175.83	51.75
204	8.00	183.83	55.75
205	3.83	187.67	56.25
206	5.00	192.67	57.42
207	5.50	198.17	59.08
208	5.17	203.33	60.58
209	4.58	207.92	61.17
210	7.17	215.08	64.33

POINTE DES MONTS PQ ... continued

Station	Depth	Latitude	Longitude	Start
70A	7.0	49.32	67.38	June 13, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
211	8.33	223.42	68.67
212	11.00	234.42	75.67
Total	Deg. days (0) for July/83 =	151.67	
213	11.67	246.08	83.33
214	12.00	258.08	91.33
215	9.08	267.17	96.42
216	4.67	271.83	97.08
217	5.25	277.08	98.42
218	3.17	280.25	98.42
219	1.83	282.08	98.42
220	2.17	284.25	98.42
221	1.42	285.67	98.42
222	3.25	288.92	99.00
223	2.83	291.75	99.00
224	2.75	294.50	99.00
225	2.33	296.83	99.00
226	1.00	297.83	99.00
227	0.75	298.58	99.00
228	0.50	299.08	99.00
229	0.50	299.58	99.00
230	1.33	300.92	99.00
231	5.75	306.67	100.75
232	8.08	314.75	104.83
233	7.08	321.83	107.92
234	7.83	329.67	111.75
235	5.50	335.17	113.75
236	7.30	342.47	117.05
Estimated	Deg. days (0) for Aug/83 =	139.56	

RIVIERE GRANDE TRINITE PQ

Station	Depth	Latitude	Longitude	Start
70B	0.0	49.32	67.38	June 1, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
152	6.00	6.00	2.00
153	5.92	11.92	3.92
154	6.58	18.50	6.50
155	6.92	25.42	9.42
156	7.33	32.75	12.75
157	8.33	41.08	17.08
158	8.42	49.50	21.50
159	9.00	58.50	26.50
160	8.75	67.25	31.25
161	9.00	76.25	36.25
162	9.17	85.42	41.42
163	10.42	95.83	47.83
164	11.67	107.50	55.50
165	13.50	121.00	65.00
166	13.50	134.50	74.50
167	14.25	148.75	84.75
168	17.25	166.00	98.00
169	17.83	183.83	111.83
170	18.67	202.50	126.50
171	18.25	220.75	140.75
172	18.67	239.42	155.42
173	19.25	258.67	170.67
174	20.08	278.75	186.75
175	19.58	298.33	202.33
176	16.50	314.83	214.83
177	15.00	329.83	225.83
178	16.17	346.00	238.00
179	16.25	362.25	250.25
180	15.50	377.75	261.75
181	16.58	394.33	274.33

Total Deg. days (0) for June/83 = 394.33

182	17.00	411.33	287.33
183	17.00	428.33	300.33
184	17.25	445.58	313.58
185	18.50	464.08	328.08
186	20.83	484.92	344.92
187	21.17	506.08	362.08
188	18.08	524.17	376.17
189	17.67	541.83	389.83
190	16.08	557.92	401.92
191	16.08	574.00	414.00
192	16.17	590.17	426.17
193	16.67	606.83	438.83
194	18.17	625.00	453.00
195	16.58	641.58	465.58
196	17.42	659.00	479.00
197	18.25	677.25	493.25
198	18.25	695.50	507.50

RIVIERE GRANDE TRINITE PQ ... continued

Station	Depth	Latitude	Longitude	Start		
70B	0.0	49.32	67.38	June	1, 1983	20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
199	17.50	713.00	521.00
200	17.33	730.33	534.33
201	17.00	747.33	547.33
202	15.67	763.00	559.00
203	15.83	778.83	570.83
204	18.00	796.83	584.83
205	19.00	815.83	599.83
206	19.00	834.83	614.83
207	19.25	854.08	630.08
208	19.25	873.33	645.33
209	18.33	891.67	659.67
210	16.00	907.67	671.67

Estimated Deg. days (0) for July/83 = 548.74

RIVIERE PETITE TRINITE PQ

Station	Depth	Latitude	Longitude	Start
70D	13.0	49.32	67.38	June 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
168	22.00	22.00	18.00
169	18.83	40.83	32.83
170	19.08	59.92	47.92
171	19.00	78.92	62.92
172	20.50	99.42	79.42
173	20.42	119.83	95.83
174	20.42	140.25	112.25
175	17.50	157.75	125.75
176	15.08	172.83	136.83
177	15.08	187.92	147.92
178	16.00	203.92	159.92
179	15.50	219.42	171.42
180	15.08	234.50	182.50
181	16.17	250.67	194.67

Estimated Deg. days (0) for June/83 = 537.14

182	15.83	266.50	206.50
183	16.50	283.00	219.00
184	16.92	299.92	231.92
185	18.58	318.50	246.50
186	19.42	337.92	261.92
187	17.08	355.00	275.00
188	15.58	370.58	286.58
189	13.75	384.33	296.33
190	11.33	395.67	303.67
191	12.42	408.08	312.08
192	11.67	419.75	319.75
193	13.17	432.92	328.92
194	14.50	447.42	339.42
195	13.67	461.08	349.08
196	15.42	476.50	360.50
197	15.33	491.83	371.83
198	15.75	507.58	383.58
199	16.17	523.75	395.75
200	15.75	539.50	407.50
201	14.92	554.42	418.42
202	14.58	569.00	429.00
203	15.25	584.25	440.25
204	17.00	601.25	453.25
205	17.00	618.25	466.25
206	17.17	635.42	479.42
207	17.25	652.67	492.67
208	17.08	669.75	505.75
209	16.33	686.08	518.08
210	14.92	701.00	529.00
211	16.08	717.08	541.08
212	17.25	734.33	554.33

Total Deg. days (0) for July/83 = 483.67

RIVIERE PETITE TRINITE PQ ... continued

Station	Depth	Latitude	Longitude	Start
70D	13.0	49.32	67.38	June 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
213	16.67	751.00	567.00
214	16.17	767.17	579.17
215	17.50	784.67	592.67
216	16.58	801.25	605.25
217	17.25	818.50	618.50
218	15.25	833.75	629.75
219	16.83	850.58	642.58
220	14.00	864.58	652.58
221	13.00	877.58	661.58
222	12.50	890.08	670.08
223	12.17	902.25	678.25
224	12.42	914.67	686.67
225	13.50	928.17	696.17
226	14.33	942.50	706.50
227	15.75	958.25	718.25
228	14.92	973.17	729.17
229	15.17	988.33	740.33
230	15.17	1003.50	751.50
231	16.42	1019.92	763.92
232	15.83	1035.75	775.75
233	15.50	1051.25	787.25
234	14.83	1066.08	798.08
235	13.75	1079.83	807.83
236	13.75	1093.58	817.58
237	15.00	1108.58	828.58

Estimated Deg. days (0) for Aug/83 = 464.07

RIVIERE PETITE TRINITE PQ

Station	Depth	Latitude	Longitude	Start
70E	1.0	49.32	67.38	June 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
168	19.50	19.50	15.50
169	18.67	38.17	30.17
170	19.00	57.17	45.17
171	19.00	76.17	60.17
172	20.00	96.17	76.17
173	21.00	117.17	93.17
174	21.67	138.83	110.83
175	20.33	159.17	127.17
176	17.00	176.17	140.17
177	16.08	192.25	152.25
178	17.17	209.42	165.42
179	16.33	225.75	177.75
180	16.17	241.92	189.92
181	17.08	259.00	203.00

Estimated Deg. days (0) for June/83 = 555.00

182	17.50	276.50	216.50
183	17.50	294.00	230.00
184	17.42	311.42	243.42
185	18.17	329.58	257.58
186	21.00	350.58	274.58
187	20.75	371.33	291.33
188	17.92	389.25	305.25
189	17.25	406.50	318.50
190	16.17	422.67	330.67
191	16.00	438.67	342.67
192	15.50	454.17	354.17
193	16.58	470.75	366.75
194	16.92	487.67	379.67
195	16.17	503.83	391.83
196	17.17	521.00	405.00
197	17.67	538.67	418.67
198	17.75	556.42	432.42
199	17.67	574.08	446.08
200	17.00	591.08	459.08
201	16.58	607.67	471.67
202	15.42	623.08	483.08
203	15.67	638.75	494.75
204	17.25	656.00	508.00
205	18.42	674.42	522.42
206	18.33	692.75	536.75
207	18.33	711.08	551.08
208	17.67	728.75	564.75
209	16.75	745.50	577.50
210	15.33	760.83	588.83
211	16.92	777.75	601.75
212	18.00	795.75	615.75

Total Deg. days (0) for July/83 = 536.75

RIVIERE PETITE TRINITE PQ ... continued

Station	Depth	Latitude	Longitude	Start
70E	1.0	49.32	67.38	June 17, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
213	17.33	813.08	629.08
214	16.75	829.83	641.83
215	17.58	847.42	655.42
216	18.50	865.92	669.92
217	18.83	884.75	684.75
218	18.67	903.42	699.42
219	19.00	922.42	714.42
220	19.00	941.42	729.42
221	18.17	959.58	743.58
222	17.25	976.83	756.83
223	16.58	993.42	769.42
224	16.50	1009.92	781.92
225	17.00	1026.92	794.92
226	17.67	1044.58	808.58
227	18.33	1062.92	822.92
228	19.92	1082.83	838.83
229	20.50	1103.33	855.33
230	19.58	1122.92	870.92
231	18.75	1141.67	885.67
232	17.50	1159.17	899.17
233	16.50	1175.67	911.67
234	16.17	1191.83	923.83
235	15.58	1207.42	935.42
236	15.42	1222.83	946.83
237	15.30	1238.13	958.13

Estimated Deg. days (0) for Aug/83 = 548.56

RIVIERE GRAND CALUMET PQ

Station	Depth	Latitude	Longitude	Start
70F	0.0	49.32	67.38	July 31, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
212	16.58	16.58	12.58
213	16.42	33.00	25.00
214	15.83	48.83	36.83
215	16.50	65.33	49.33
216	17.50	82.83	62.83
217	17.42	100.25	76.25
218	16.25	116.50	88.50
219	16.50	133.00	101.00
220	16.67	149.67	113.67
221	14.42	164.08	124.08
222	13.42	177.50	133.50
223	13.67	191.17	143.17
224	14.00	205.17	153.17
225	14.67	219.83	163.83
226	15.50	235.33	175.33
227	17.17	252.50	188.50
228	17.67	270.17	202.17
229	18.00	288.17	216.17
230	17.58	305.75	229.75
231	16.58	322.33	242.33
232	15.67	338.00	254.00
233	15.08	353.08	265.08
234	14.67	367.75	275.75
235	14.00	381.75	285.75
236	14.17	395.92	295.92
237	13.00	408.92	304.92

Estimated Deg. days (0) for Aug/83 = 486.49

RIVIERE GRAND CALUMET PQ

Station	Depth	Latitude	Longitude	Start
70G	0.0	49.32	67.38	July 31, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
212	18.25	18.25	14.25
213	16.83	35.08	27.08
214	15.92	51.00	39.00
215	17.17	68.17	52.17
216	16.83	85.00	65.00
217	17.33	102.33	78.33
218	15.58	117.92	89.92
219	15.75	133.67	101.67
220	14.83	148.50	112.50
221	14.58	163.08	123.08
222	12.25	175.33	131.33
223	12.67	188.00	140.00
224	12.67	200.67	148.67
225	13.33	214.00	158.00
226	13.92	227.92	167.92
227	15.50	243.42	179.42
228	14.83	258.25	190.25
229	13.75	272.00	200.00
230	14.25	286.25	210.25
231	15.58	301.83	221.83
232	15.17	317.00	233.00
233	15.17	332.17	244.17
234	14.58	346.75	254.75
235	13.75	360.50	264.50
236	13.67	374.17	274.17
237	13.40	387.57	283.57

Estimated Deg. days (0) for Aug/83 = 457.95

RIVIERE GRAND CALUMET PQ

Station	Depth	Latitude	Longitude	Start
70H	0.0	49.32	67.38	June 23, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
174	18.75	18.75	14.75
175	17.00	35.75	27.75
176	14.67	50.42	38.42
177	15.08	65.50	49.50
178	15.33	80.83	60.83
179	14.58	95.42	71.42
180	15.08	110.50	82.50
181	15.50	126.00	94.00
182	14.75	140.75	104.75
183	16.25	157.00	117.00
184	16.42	173.42	129.42
185	17.33	190.75	142.75
186	18.50	209.25	157.25
187	17.42	226.67	170.67
188	15.75	242.42	182.42
189	14.92	257.33	193.33
190	13.00	270.33	202.33
191	12.83	283.17	211.17
192	12.92	296.08	220.08
193	13.83	309.92	229.92
194	13.50	323.42	239.42
195	13.50	336.92	248.92
196	15.50	352.42	260.42
197	14.92	367.33	271.33
198	14.92	382.25	282.25
199	16.00	398.25	294.25
200	16.00	414.25	306.25
201	15.58	429.83	317.83
202	15.33	445.17	329.17
203	15.58	460.75	340.75
204	16.75	477.50	353.50
205	17.25	494.75	366.75
206	17.25	512.00	380.00
207	17.08	529.08	393.08
208	16.75	545.83	405.83
209	16.25	562.08	418.08
210	15.33	577.42	429.42
211	16.33	593.75	441.75
212	16.92	610.67	454.67

Total Deg. days (0) for July/83 = 484.67

213	16.75	627.42	467.42
214	16.17	643.58	479.58
215	17.33	660.92	492.92
216	17.08	678.00	506.00
217	17.50	695.50	519.50
218	16.33	711.83	531.83
219	16.25	728.08	544.08
220	15.25	743.33	555.33

RIVIERE GRAND CALUMET PQ ... continued

Station	Depth	Latitude	Longitude	Start
70H	0.0	49.32	67.38	June 23, 1983 00:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
221	13.33	756.67	564.67
222	12.83	769.50	573.50
223	12.67	782.17	582.17
224	13.25	795.42	591.42
225	13.67	809.08	601.08
226	14.42	823.50	611.50
227	15.83	839.33	623.33
228	15.75	855.08	635.08
229	16.75	871.83	647.83
230	15.67	887.50	659.50
231	15.83	903.33	671.33
232	15.58	918.92	682.92
233	15.25	934.17	694.17
234	14.92	949.08	705.08
235	14.83	963.92	715.92
236	13.75	977.67	725.67
237	12.75	990.42	734.42

Estimated Deg. days (0) for Aug/83 = 470.89

HAVRE ST. PIERRE PQ

Station	Depth	Latitude	Longitude	Start
71A	10.0	50.18	63.58	June 10, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
161	1.50	1.50	0.00
162	1.00	2.50	0.00
163	1.00	3.50	0.00
164	1.00	4.50	0.00
165	1.00	5.50	0.00
166	1.25	6.75	0.00
167	2.17	8.92	0.00
168	2.58	11.50	0.00
169	3.83	15.33	0.17
170	4.25	19.58	0.75
171	4.00	23.58	1.08
172	4.00	27.58	1.33
173	3.67	31.25	1.33
174	3.67	34.92	1.33
175	4.00	38.92	1.75
176	2.75	41.67	1.75
177	1.83	43.50	1.75
178	2.08	45.58	1.75
179	2.25	47.83	1.75
180	1.42	49.25	1.75
181	1.08	50.33	1.75
Estimated	Deg. days (0) for June/83 =		71.90
182	1.00	51.33	1.75
183	1.00	52.33	1.75
184	1.50	53.83	1.75
185	1.92	55.75	1.75
186	2.42	58.17	1.75
187	3.17	61.33	1.75
188	3.25	64.58	1.75
189	2.92	67.50	1.75
190	3.17	70.67	1.75
191	2.83	73.50	1.75
192	2.00	75.50	1.75
193	2.00	77.50	1.75
194	2.83	80.33	1.75
195	3.00	83.33	1.75
196	3.00	86.33	1.75
197	2.67	89.00	1.75
198	3.00	92.00	1.75
199	2.75	94.75	1.75
200	2.00	96.75	1.75
201	1.67	98.42	1.75
202	1.83	100.25	1.75
203	2.08	102.33	1.75
204	2.92	105.25	1.75
205	3.08	108.33	1.75
206	3.33	111.67	1.75
207	4.00	115.67	2.00

HAVRE ST. PIERRE PQ ... continued

Station	Depth	Latitude	Longitude	Start
71A	10.0	50.18	63.58	June 10, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
208	4.33	120.00	2.33
209	4.25	124.25	2.75
210	5.67	129.92	4.42
211	7.25	137.17	7.67
212	4.92	142.08	8.75
Total	Deg. days (0) for July/83 =	91.75	
213	3.50	145.58	8.92
214	3.42	149.00	8.92
215	3.83	152.83	9.08
216	3.83	156.67	9.25
217	3.33	160.00	9.25
218	3.50	163.50	9.25
219	3.67	167.17	9.25
220	3.25	170.42	9.25
221	3.00	173.42	9.25
222	3.00	176.42	9.25
223	3.00	179.42	9.25
224	3.00	182.42	9.25
225	3.17	185.58	9.25
226	3.00	188.58	9.25
227	3.00	191.58	9.25
228	3.00	194.58	9.25
229	3.08	197.67	9.25
230	3.25	200.92	9.25
231	4.33	205.25	9.58
232	6.58	211.83	12.17
233	10.08	221.92	18.25
234	11.25	233.17	25.50
235	9.92	243.08	31.42
236	9.25	252.33	36.67
237	9.08	261.42	41.75
238	6.75	268.17	44.50
239	6.58	274.75	47.08
240	8.67	283.42	51.75
241	11.08	294.50	58.83
242	11.92	306.42	66.75
243	12.00	318.42	74.75
Total	Deg. days (0) for Aug/83 =	176.33	
244	12.00	330.42	82.75
245	12.00	342.42	90.75
246	12.00	354.42	98.75
247	11.92	366.33	106.67
248	11.42	377.75	114.08
249	10.50	388.25	120.58
250	10.67	398.92	127.25
251	10.42	409.33	133.67

HAVRE ST. PIERRE PQ ... continued

Station	Depth	Latitude	Longitude	Start
71A	10.0	50.18	63.58	June 10, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
252	7.83	417.17	137.50
253	6.00	423.17	139.50
254	6.08	429.25	141.58
255	7.42	436.67	145.00
256	5.75	442.42	146.75
257	5.00	447.42	147.75
258	4.92	452.33	148.67
259	5.17	457.50	149.83
260	5.25	462.75	151.08
261	6.00	468.75	153.08
262	8.67	477.42	157.75
263	8.83	486.25	162.58
264	8.42	494.67	167.00
265	9.75	504.42	172.75
266	10.17	514.58	178.92
267	8.08	522.67	183.00
268	6.33	529.00	185.33
269	5.83	534.83	187.17
270	5.92	540.75	189.08
271	5.92	546.67	191.00
272	6.17	552.83	193.17
273	5.30	558.13	194.47

Total Deg. days (0) for Sept/83 = 239.72

HAVRE ST. PIERRE PQ

Station	Depth	Latitude	Longitude	Start
71B	36.0	50.20	63.57	June 10, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
161	1.50	1.50	0.00
162	1.00	2.50	0.00
163	1.00	3.50	0.00
164	1.00	4.50	0.00
165	1.00	5.50	0.00
166	1.25	6.75	0.00
167	1.92	8.67	0.00
168	2.00	10.67	0.00
169	2.00	12.67	0.00
170	2.00	14.67	0.00
171	2.00	16.67	0.00
172	2.00	18.67	0.00
173	2.00	20.67	0.00
174	2.00	22.67	0.00
175	2.00	24.67	0.00
176	1.58	26.25	0.00
177	1.08	27.33	0.00
178	1.25	28.58	0.00
179	1.50	30.08	0.00
180	1.17	31.25	0.00
181	1.00	32.25	0.00

Estimated Deg. days (0) for June/83 = 46.07

182	1.00	33.25	0.00
183	1.00	34.25	0.00
184	1.00	35.25	0.00
185	1.00	36.25	0.00
186	1.42	37.67	0.00
187	1.83	39.50	0.00
188	2.00	41.50	0.00
189	2.00	43.50	0.00
190	2.00	45.50	0.00
191	2.00	47.50	0.00
192	2.00	49.50	0.00
193	2.00	51.50	0.00
194	2.50	54.00	0.00
195	2.92	56.92	0.00
196	2.83	59.75	0.00
197	2.67	62.42	0.00
198	2.50	64.92	0.00
199	2.25	67.17	0.00
200	1.58	68.75	0.00
201	1.08	69.83	0.00
202	1.00	70.83	0.00
203	1.67	72.50	0.00
204	2.00	74.50	0.00
205	2.00	76.50	0.00
206	2.00	78.50	0.00
207	2.00	80.50	0.00

HAVRE ST. PIERRE PQ ... continued

Station	Depth	Latitude	Longitude	Start
71B	36.0	50.20	63.57	June 10, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
208	2.50	83.00	0.00
209	2.50	85.50	0.00
210	2.75	88.25	0.00
211	3.00	91.25	0.00
212	2.50	93.75	0.00
Total	Deg. days (0) for July/83 =	61.50	
213	2.00	95.75	0.00
214	2.00	97.75	0.00
215	2.00	99.75	0.00
216	2.00	101.75	0.00
217	2.00	103.75	0.00
218	2.00	105.75	0.00
219	2.00	107.75	0.00
220	2.58	110.33	0.00
221	2.83	113.17	0.00
222	3.00	116.17	0.00
223	3.00	119.17	0.00
224	3.00	122.17	0.00
225	3.00	125.17	0.00
226	3.00	128.17	0.00
227	3.00	131.17	0.00
228	3.00	134.17	0.00
229	3.00	137.17	0.00
230	3.00	140.17	0.00
231	3.00	143.17	0.00
232	4.42	147.58	0.50
233	7.67	155.25	4.17
234	6.33	161.58	6.50
235	4.83	166.42	7.33
236	4.83	171.25	8.17
237	5.58	176.83	9.75
238	4.58	181.42	10.33
239	4.58	186.00	10.92
240	5.42	191.42	12.33
241	6.75	198.17	15.08
242	10.58	208.75	21.67
243	9.92	218.67	27.58
Total	Deg. days (0) for Aug/83 =	124.92	
244	8.50	227.17	32.08
245	8.33	235.50	36.42
246	9.92	245.42	42.33
247	10.25	255.67	48.58
248	8.17	263.83	52.75
249	7.33	271.17	56.08
250	9.08	280.25	61.17
251	9.17	289.42	66.33

HAVRE ST. PIERRE PQ ... continued

Station	Depth	Latitude	Longitude	Start
71B	36.0	50.20	63.57	June 10, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
252	6.00	295.42	68.33
253	4.92	300.33	69.25
254	5.00	305.33	70.25
255	5.00	310.33	71.25
256	4.33	314.67	71.58
257	4.00	318.67	71.58
258	4.00	322.67	71.58
259	4.00	326.67	71.58
260	4.00	330.67	71.58
261	4.67	335.33	72.25
262	6.08	341.42	74.33
263	6.58	348.00	76.92
264	6.17	354.17	79.08
265	8.50	362.67	83.58
266	7.75	370.42	87.33
267	5.50	375.92	88.83
268	4.92	380.83	89.75
269	4.50	385.33	90.25
270	5.00	390.33	91.25

Estimated Deg. days (0) for Sept/83 = 190.74

BLANC SABLON PQ

Station	Depth	Latitude	Longitude	Start
74	16.0	51.42	57.22	July 27, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
208	6.75	6.75	2.75
209	6.00	12.75	4.75
210	5.33	18.08	6.08
211	5.00	23.08	7.08
212	4.58	27.67	7.75
213	5.00	32.67	8.75
214	5.08	37.75	9.83
215	4.25	42.00	10.25
216	4.92	46.92	11.17
217	8.50	55.42	15.67
218	8.75	64.17	20.42
219	6.83	71.00	23.25
220	6.75	77.75	26.00
221	7.33	85.08	29.33
222	7.50	92.58	32.83
223	8.50	101.08	37.33
224	9.50	110.58	42.83
225	9.50	120.08	48.33
226	9.00	129.08	53.33
227	9.17	138.25	58.50
228	8.67	146.92	63.17
229	8.50	155.42	67.67
230	9.17	164.58	72.83
231	10.75	175.33	79.58
232	11.00	186.33	86.58
233	11.42	197.75	94.00
234	11.08	208.83	101.08
235	10.50	219.33	107.58
236	10.00	229.33	113.58
237	9.58	238.92	119.17
238	7.17	246.08	122.33
239	6.00	252.08	124.33
240	6.17	258.25	126.50
241	7.00	265.25	129.50
242	7.00	272.25	132.50
243	7.00	279.25	135.50

Total Deg. days (0) for Aug/83 = 251.58

244	6.92	286.17	138.42
245	7.00	293.17	141.42
246	6.92	300.08	144.33
247	7.17	307.25	147.50
248	5.50	312.75	149.00
249	5.08	317.83	150.08
250	6.08	323.92	152.17
251	7.00	330.92	155.17
252	6.00	336.92	157.17
253	5.00	341.92	158.17
254	5.00	346.92	159.17

BLANC SABLON PQ ... continued

Station	Depth	Latitude	Longitude	Start
74	16.0	51.42	57.22	July 27, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
255	5.08	352.00	160.25
256	5.50	357.50	161.75
257	6.00	363.50	163.75
258	6.50	370.00	166.25
259	6.00	376.00	168.25
260	6.00	382.00	170.25
261	5.92	387.92	172.17
262	5.25	393.17	173.42
263	5.00	398.17	174.42
264	4.25	402.42	174.67
265	4.00	406.42	174.67
266	4.33	410.75	175.00
267	4.17	414.92	175.17
268	3.83	418.75	175.17
269	3.67	422.42	175.17
270	4.08	426.50	175.25
271	4.50	431.00	175.75
272	5.75	436.75	177.50
273	7.25	444.00	180.75
Total	Deg. days (0) for Sept/83 =	164.75	
274	7.25	451.25	184.00
275	6.50	457.75	186.50
276	6.00	463.75	188.50
277	5.50	469.25	190.00
278	4.75	474.00	190.75
279	4.92	478.92	191.67
280	4.75	483.67	192.42
281	4.17	487.83	192.58
282	6.25	494.08	194.83
283	6.25	500.33	197.08
284	5.83	506.17	198.92
285	5.42	511.58	200.33
286	5.33	516.92	201.67
287	5.42	522.33	203.08
288	8.00	530.33	207.08
289	7.17	537.50	210.25
290	7.50	545.00	213.75
291	7.25	552.25	217.00
292	6.42	558.67	219.42
293	4.75	563.42	220.17
294	4.75	568.17	220.92
295	5.25	573.42	222.17
296	5.50	578.92	223.67
297	5.17	584.08	224.83
298	5.00	589.08	225.83
299	4.33	593.42	226.17
300	4.25	597.67	226.42
301	4.08	601.75	226.50

BLANC SABLON PQ ... continued

Station	Depth	Latitude	Longitude	Start
74	16.0	51.42	57.22	July 27, 1983 16:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
302	3.83	605.58	226.50
303	4.00	609.58	226.50
304	3.75	613.33	226.50
Total	Deg. days (0) for Oct/83 =	169.33	
305	3.50	616.83	226.50
306	3.50	620.33	226.50
307	3.00	623.33	226.50
308	3.25	626.58	226.50
309	3.50	630.08	226.50
310	3.33	633.42	226.50
311	3.00	636.42	226.50
312	3.00	639.42	226.50
313	2.50	641.92	226.50
314	2.00	643.92	226.50
315	1.58	645.50	226.50
316	1.33	646.83	226.50
317	1.00	647.83	226.50
318	1.00	648.83	226.50
319	0.75	649.58	226.50
320	0.50	650.08	226.50
321	0.50	650.58	226.50
322	0.50	651.08	226.50
323	0.50	651.58	226.50
324	0.42	652.00	226.50
325	0.00	652.00	226.50
326	0.00	652.00	226.50
327	0.00	652.00	226.50
328	0.00	652.00	226.50
329	0.00	652.00	226.50
330	0.00	652.00	226.50
331	0.00	652.00	226.50
332	0.00	652.00	226.50
333	-0.42	652.00	226.50
334	-0.50	652.00	226.50
Total	Deg. days (0) for Nov/83 =	38.67	
335	-0.50	652.00	226.50

PARSONS POND NFLD

Station	Depth	Latitude	Longitude	Start
75	19.0	49.88	57.75	May 13, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
133	5.00	5.00	1.00
134	5.00	10.00	2.00
135	4.67	14.67	2.67
136	4.58	19.25	3.25
137	4.75	24.00	4.00
138	3.17	27.17	4.17
139	1.50	28.67	4.17
140	2.83	31.50	4.17
141	3.50	35.00	4.17
142	4.00	39.00	4.17
143	3.67	42.67	4.17
144	1.33	44.00	4.17
145	1.50	45.50	4.17
146	2.00	47.50	4.17
147	2.58	50.08	4.17
148	2.83	52.92	4.17
149	3.00	55.92	4.17
150	4.25	60.17	4.42
151	4.50	64.67	4.92

Estimated Deg. days (0) for May/83 = 105.51

152	4.33	69.00	5.25
153	4.83	73.83	6.08
154	4.42	78.25	6.50
155	5.00	83.25	7.50
156	5.00	88.25	8.50
157	4.67	92.92	9.17
158	4.67	97.58	9.83
159	6.17	103.75	12.00
160	6.50	110.25	14.50
161	6.50	116.75	17.00
162	6.75	123.50	19.75
163	7.33	130.83	23.08
164	7.50	138.33	26.58
165	7.00	145.33	29.58
166	7.00	152.33	32.58
167	8.42	160.75	37.00
168	8.50	169.25	41.50
169	8.92	178.17	46.42
170	9.00	187.17	51.42
171	9.00	196.17	56.42
172	9.00	205.17	61.42
173	9.00	214.17	66.42
174	9.00	223.17	71.42
175	9.33	232.50	76.75
176	11.00	243.50	83.75
177	10.25	253.75	90.00
178	10.67	264.42	96.67
179	11.33	275.75	104.00

PARSONS POND NFLD ... continued

Station	Depth	Latitude	Longitude	Start
75	19.0	49.88	57.75	May 13, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
180	11.67	287.42	111.67
181	11.33	298.75	119.00
Total	Deg. days (0) for June/83 =	234.08	
182	11.50	310.25	126.50
183	11.50	321.75	134.00
184	11.50	333.25	141.50
185	11.58	344.83	149.08
186	12.00	356.83	157.08
187	12.00	368.83	165.08
188	12.00	380.83	173.08
189	12.00	392.83	181.08
190	12.25	405.08	189.33
191	12.42	417.50	197.75
192	12.42	429.92	206.17
193	13.00	442.92	215.17
194	13.00	455.92	224.17
195	13.50	469.42	233.67
196	13.17	482.58	242.83
197	13.00	495.58	251.83
198	13.17	508.75	261.00
199	14.00	522.75	271.00
200	14.00	536.75	281.00
201	13.58	550.33	290.58
202	13.50	563.83	300.08
203	13.50	577.33	309.58
204	13.50	590.83	319.08
205	8.08	598.92	323.17
206	11.08	610.00	330.25
207	11.67	621.67	337.92
208	4.75	626.42	338.75
209	10.00	636.42	344.75
210	11.33	647.75	352.08
211	13.00	660.75	361.08
212	13.00	673.75	370.08
Total	Deg. days (0) for July/83 =	375.00	
213	13.42	687.17	379.50
214	13.67	700.83	389.17
215	14.00	714.83	399.17
216	14.00	728.83	409.17
217	14.00	742.83	419.17
218	14.00	756.83	429.17
219	13.92	770.75	439.08
220	13.83	784.58	448.92
221	14.00	798.58	458.92
222	14.00	812.58	468.92
223	14.00	826.58	478.92

PARSONS POND NFLD ... continued

Station	Depth	Latitude	Longitude	Start
75	19.0	49.88	57.75	May 13, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
224	13.83	840.42	488.75
225	14.00	854.42	498.75
226	14.00	868.42	508.75
227	14.00	882.42	518.75
228	14.00	896.42	528.75
229	14.33	910.75	539.08
230	14.17	924.92	549.25
231	14.17	939.08	559.42
232	15.00	954.08	570.42
233	14.33	968.42	580.75
234	8.50	976.92	585.25
235	11.33	988.25	592.58
236	12.25	1000.50	600.83
237	13.42	1013.92	610.25
238	13.75	1027.67	620.00
239	14.00	1041.67	630.00
240	13.67	1055.33	639.67
241	13.50	1068.83	649.17

Estimated Deg. days (0) for Aug/83 = 422.33

BONNE BAY NFLD

Station	Depth	Latitude	Longitude	Start
76	19.0	49.50	57.89	June 9, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
160	7.00	7.00	3.00
161	6.50	13.50	5.50
162	6.58	20.08	8.08
163	7.00	27.08	11.08
164	7.08	34.17	14.17
165	7.00	41.17	17.17
166	7.08	48.25	20.25
167	7.67	55.92	23.92
168	8.00	63.92	27.92
169	8.42	72.33	32.33
170	9.08	81.42	37.42
171	9.50	90.92	42.92
172	9.08	100.00	48.00
173	8.00	108.00	52.00
174	8.08	116.08	56.08
175	9.50	125.58	61.58
176	10.50	136.08	68.08
177	10.75	146.83	74.83
178	11.00	157.83	81.83
179	11.00	168.83	88.83
180	11.00	179.83	95.83
181	10.58	190.42	102.42

Estimated Deg. days (0) for June/83 = 259.66

182	10.17	200.58	108.58
183	11.00	211.58	115.58
184	10.33	221.92	121.92
185	10.00	231.92	127.92
186	10.58	242.50	134.50
187	11.42	253.92	141.92
188	11.50	265.42	149.42
189	11.75	277.17	157.17
190	11.83	289.00	165.00
191	12.25	301.25	173.25
192	12.33	313.58	181.58
193	12.58	326.17	190.17
194	12.08	338.25	198.25
195	12.83	351.08	207.08
196	12.83	363.92	215.92
197	12.25	376.17	224.17
198	13.00	389.17	233.17
199	13.00	402.17	242.17
200	13.00	415.17	251.17
201	13.00	428.17	260.17
202	13.00	441.17	269.17
203	13.00	454.17	278.17
204	12.33	466.50	286.50
205	11.00	477.50	293.50
206	12.00	489.50	301.50

BONNE BAY NFLD ... continued

Station	Depth	Latitude	Longitude	Start
76	19.0	49.50	57.89	June 9, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
207	11.50	501.00	309.00
208	7.17	508.17	312.17
209	8.83	517.00	317.00
210	11.58	528.58	324.58
211	12.17	540.75	332.75
212	13.00	553.75	341.75
Total	Deg. days (0) for July/83 =	363.33	
213	13.00	566.75	350.75
214	13.00	579.75	359.75
215	13.00	592.75	368.75
216	13.00	605.75	377.75
217	13.00	618.75	386.75
218	13.00	631.75	395.75
219	13.00	644.75	404.75
220	13.00	657.75	413.75
221	13.00	670.75	422.75
222	13.00	683.75	431.75
223	13.00	696.75	440.75
224	13.00	709.75	449.75
225	13.00	722.75	458.75
226	13.00	735.75	467.75
227	13.00	748.75	476.75
228	13.00	761.75	485.75
229	13.00	774.75	494.75
230	13.00	787.75	503.75
231	13.00	800.75	512.75
232	13.00	813.75	521.75
233	13.00	826.75	530.75
234	13.00	839.75	539.75
235	13.00	852.75	548.75
236	13.00	865.75	557.75
237	13.00	878.75	566.75
238	13.00	891.75	575.75
239	13.00	904.75	584.75
240	13.00	917.75	593.75
241	13.00	930.75	602.75
242	13.00	943.75	611.75
243	13.00	956.75	620.75
Total	Deg. days (0) for Aug/83 =	403.00	
244	13.00	969.75	629.75
245	13.00	982.75	638.75
246	13.00	995.75	647.75
247	13.00	1008.75	656.75
248	13.00	1021.75	665.75
249	13.00	1034.75	674.75
250	13.00	1047.75	683.75

BONNE BAY NFLD ... continued

Station	Depth	Latitude	Longitude	Start
76	19.0	49.50	57.89	June 9, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
251	13.00	1060.75	692.75
252	13.00	1073.75	701.75
253	13.00	1086.75	710.75
254	13.00	1099.75	719.75
255	13.00	1112.75	728.75
256	13.00	1125.75	737.75
257	13.00	1138.75	746.75
258	13.00	1151.75	755.75
259	13.00	1164.75	764.75
260	13.00	1177.75	773.75
261	13.00	1190.75	782.75
262	13.00	1203.75	791.75
263	13.17	1216.92	800.92
264	13.58	1230.50	810.50
265	13.50	1244.00	820.00
266	13.83	1257.83	829.83
267	13.75	1271.58	839.58
268	14.00	1285.58	849.58
269	14.00	1299.58	859.58
270	14.00	1313.58	869.58
271	14.00	1327.58	879.58
272	14.00	1341.58	889.58
273	14.00	1355.58	899.58

Total Deg. days (0) for Sept/83 = 398.83

274	14.00	1369.58	909.58
275	13.08	1382.67	918.67
276	13.67	1396.33	928.33
277	14.00	1410.33	938.33
278	14.25	1424.58	948.58
279	14.67	1439.25	959.25
280	14.25	1453.50	969.50
281	14.00	1467.50	979.50
282	14.33	1481.83	989.83
283	14.75	1496.58	1000.58
284	14.00	1510.58	1010.58
285	13.83	1524.42	1020.42
286	14.00	1538.42	1030.42

Estimated Deg. days (0) for Oct/83 = 435.99

LARK HARBOUR NFLD

Station	Depth	Latitude	Longitude	Start
77	19.0	49.12	58.35	June 10, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
161	6.17	6.17	2.17
162	6.67	12.83	4.83
163	7.17	20.00	8.00
164	7.58	27.58	11.58
165	8.58	36.17	16.17
166	8.50	44.67	20.67
167	8.33	53.00	25.00
168	8.50	61.50	29.50
169	8.58	70.08	34.08
170	9.00	79.08	39.08
171	9.00	88.08	44.08
172	8.75	96.83	48.83
173	10.50	107.33	55.33
174	11.25	118.58	62.58
175	11.00	129.58	69.58
176	10.42	140.00	76.00
177	10.50	150.50	82.50
178	11.00	161.50	89.50
179	11.00	172.50	96.50
180	11.00	183.50	103.50
181	11.00	194.50	110.50

Estimated Deg. days (0) for June/83 = 277.86

182	11.00	205.50	117.50
183	11.00	216.50	124.50
184	11.00	227.50	131.50
185	11.17	238.67	138.67
186	11.00	249.67	145.67
187	11.92	261.58	153.58
188	12.00	273.58	161.58
189	12.25	285.83	169.83
190	11.58	297.42	177.42
191	11.58	309.00	185.00
192	12.00	321.00	193.00
193	12.58	333.58	201.58
194	13.17	346.75	210.75
195	13.00	359.75	219.75
196	14.00	373.75	229.75
197	13.67	387.42	239.42
198	14.00	401.42	249.42
199	13.83	415.25	259.25
200	13.50	428.75	268.75
201	13.42	442.17	278.17
202	14.33	456.50	288.50
203	14.00	470.50	298.50
204	14.00	484.50	308.50
205	12.83	497.33	317.33
206	13.50	510.83	326.83
207	13.25	524.08	336.08

LARK HARBOUR NFLD ... continued

Station	Depth	Latitude	Longitude	Start
77	19.0	49.12	58.35	June 10, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
208	12.42	536.50	344.50
209	12.17	548.67	352.67
210	13.00	561.67	361.67
211	12.83	574.50	370.50
212	12.50	587.00	379.00
Total	Deg. days (0) for July/83 =	392.50	
213	12.58	599.58	387.58
214	13.00	612.58	396.58
215	13.00	625.58	405.58
216	13.67	639.25	415.25
217	13.67	652.92	424.92
218	13.50	666.42	434.42
219	13.50	679.92	443.92
220	13.92	693.83	453.83
221	14.00	707.83	463.83
222	14.00	721.83	473.83
223	13.58	735.42	483.42
224	13.17	748.58	492.58
225	14.00	762.58	502.58
226	14.33	776.92	512.92
227	14.00	790.92	522.92
228	14.00	804.92	532.92
229	14.00	818.92	542.92
230	14.17	833.08	553.08
231	13.75	846.83	562.83
232	13.58	860.42	572.42
233	13.67	874.08	582.08
234	13.00	887.08	591.08
235	13.00	900.08	600.08
236	13.00	913.08	609.08
237	13.00	926.08	618.08
238	13.00	939.08	627.08
239	13.00	952.08	636.08
240	12.75	964.83	644.83
241	12.50	977.33	653.33
242	12.50	989.83	661.83
243	13.00	1002.83	670.83
Total	Deg. days (0) for Aug/83 =	415.83	
244	13.00	1015.83	679.83
245	12.67	1028.50	688.50
246	12.58	1041.08	697.08
247	13.00	1054.08	706.08
248	13.00	1067.08	715.08
249	13.00	1080.08	724.08
250	13.33	1093.42	733.42
251	13.42	1106.83	742.83

LARK HARBOUR NFLD ... continued

Station	Depth	Latitude	Longitude	Start
77	19.0	49.12	58.35	June 10, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
252	13.50	1120.33	752.33
253	13.25	1133.58	761.58
254	13.17	1146.75	770.75
255	13.42	1160.17	780.17
256	13.00	1173.17	789.17
257	13.00	1186.17	798.17
258	13.00	1199.17	807.17
259	13.00	1212.17	816.17
260	13.00	1225.17	825.17
261	13.00	1238.17	834.17
262	13.00	1251.17	843.17

Estimated Deg. days (0) for Sept/83 = 392.11

PORT AU PORT BAY NFLD.

Station	Depth	Latitude	Longitude	Start
78	19.0	48.57	58.73	May 17, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
137	5.00	5.00	1.00
138	5.00	10.00	2.00
139	5.00	15.00	3.00
140	4.92	19.92	3.92
141	4.50	24.42	4.42
142	4.83	29.25	5.25
143	5.17	34.42	6.42
144	5.50	39.92	7.92
145	5.25	45.17	9.17
146	5.75	50.92	10.92
147	5.75	56.67	12.67
148	5.25	61.92	13.92
149	5.00	66.92	14.92
150	5.00	71.92	15.92
151	5.00	76.92	16.92

Estimated Deg. days (0) for May/83 = 158.96

152	4.33	81.25	17.25
153	4.42	85.67	17.67
154	5.92	91.58	19.58
155	5.17	96.75	20.75
156	4.75	101.50	21.50
157	5.00	106.50	22.50
158	4.67	111.17	23.17
159	4.17	115.33	23.33
160	4.92	120.25	24.25
161	5.58	125.83	25.83
162	6.00	131.83	27.83
163	6.00	137.83	29.83
164	6.33	144.17	32.17
165	8.08	152.25	36.25
166	6.75	159.00	39.00
167	7.00	166.00	42.00
168	6.58	172.58	44.58
169	6.00	178.58	46.58
170	6.00	184.58	48.58
171	6.17	190.75	50.75
172	7.42	198.17	54.17
173	7.92	206.08	58.08
174	7.00	213.08	61.08
175	5.67	218.75	62.75
176	6.58	225.33	65.33
177	7.08	232.42	68.42
178	7.58	240.00	72.00
179	7.25	247.25	75.25
180	7.75	255.00	79.00
181	6.58	261.58	81.58

Total Deg. days (0) for June/83 = 184.67

PORT AU PORT BAY NFLD. ... continued

Station	Depth	Latitude	Longitude	Start
78	19.0	48.57	58.73	May 17, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
182	7.50	269.08	85.08
183	7.00	276.08	88.08
184	8.25	284.33	92.33
185	10.00	294.33	98.33
186	8.92	303.25	103.25
187	8.50	311.75	107.75
188	9.33	321.08	113.08
189	11.00	332.08	120.08
190	9.92	342.00	126.00
191	9.50	351.50	131.50
192	10.50	362.00	138.00
193	10.50	372.50	144.50
194	10.00	382.50	150.50
195	8.75	391.25	155.25
196	10.75	402.00	162.00
197	10.67	412.67	168.67
198	10.33	423.00	175.00
199	9.50	432.50	180.50
200	9.58	442.08	186.08
201	11.25	453.33	193.33
202	11.33	464.67	200.67
203	12.00	476.67	208.67
204	13.00	489.67	217.67
205	14.00	503.67	227.67
206	13.50	517.17	237.17
207	13.50	530.67	246.67
208	14.00	544.67	256.67
209	12.25	556.92	264.92
210	8.83	565.75	269.75
211	9.33	575.08	275.08
212	10.17	585.25	281.25
Total	Deg. days (0) for July/83 =	323.67	
213	11.42	596.67	288.67
214	9.17	605.83	293.83
215	11.17	617.00	301.00
216	12.08	629.08	309.08
217	12.75	641.83	317.83
218	9.17	651.00	323.00
219	10.67	661.67	329.67
220	12.25	673.92	337.92
221	10.75	684.67	344.67
222	12.17	696.83	352.83
223	13.33	710.17	362.17
224	13.83	724.00	372.00
225	14.00	738.00	382.00
226	13.17	751.17	391.17
227	10.67	761.83	397.83
228	11.75	773.58	405.58

PORT AU PORT BAY NFLD. ... continued

Station	Depth	Latitude	Longitude	Start
78	19.0	48.57	58.73	May 17, 1983 12:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
229	11.67	785.25	413.25
230	10.83	796.08	420.08
231	11.58	807.67	427.67
232	12.83	820.50	436.50
233	12.42	832.92	444.92
234	14.17	847.08	455.08
235	14.50	861.58	465.58
236	14.50	876.08	476.08
237	13.50	889.58	485.58
238	11.50	901.08	493.08
239	11.58	912.67	500.67
240	13.17	925.83	509.83
241	13.75	939.58	519.58
242	13.17	952.75	528.75
243	13.83	966.58	538.58

Total Deg. days (0) for Aug/83 = 381.33

244	13.42	980.00	548.00
245	13.33	993.33	557.33
246	13.00	1006.33	566.33
247	13.00	1019.33	575.33
248	11.08	1030.42	582.42
249	11.50	1041.92	589.92
250	12.00	1053.92	597.92
251	11.67	1065.58	605.58
252	12.92	1078.50	614.50
253	14.00	1092.50	624.50
254	14.42	1106.92	634.92
255	15.00	1121.92	645.92

Estimated Deg. days (0) for Sept/83 = 388.33

ST. GEORGES BAY NFLD

Station	Depth	Latitude	Longitude	Start
79	19.0	48.47	58.47	May 16, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
136	9.50	9.50	5.50
137	6.33	15.83	7.83
138	2.42	18.25	7.83
139	2.83	21.08	7.83
140	4.50	25.58	8.33
141	4.58	30.17	8.92
142	5.00	35.17	9.92
143	4.75	39.92	10.67
144	4.17	44.08	10.92
145	3.17	47.25	10.92
146	3.50	50.75	10.92
147	2.33	53.08	10.92
148	3.08	56.17	10.92
149	1.58	57.75	10.92
150	1.83	59.58	10.92
151	2.00	61.58	10.92

Estimated Deg. days (0) for May/83 = 119.32

152	2.00	63.58	10.92
153	2.08	65.67	10.92
154	3.50	69.17	10.92
155	3.92	73.08	11.33
156	3.92	77.00	11.42
157	4.33	81.33	11.75
158	4.92	86.25	12.67
159	5.83	92.08	14.50
160	6.67	98.75	17.17
161	7.00	105.75	20.17
162	7.00	112.75	23.17
163	6.83	119.58	26.00
164	6.50	126.08	28.50
165	6.67	132.75	31.17
166	7.00	139.75	34.17
167	7.00	146.75	37.17
168	7.42	154.17	40.58
169	6.75	160.92	43.33
170	6.83	167.75	46.17
171	9.08	176.83	51.25
172	7.42	184.25	54.67
173	6.50	190.75	57.17
174	6.67	197.42	59.83
175	7.17	204.58	63.00
176	10.50	215.08	69.50
177	9.17	224.25	74.67
178	9.17	233.42	79.83
179	10.42	243.83	86.25
180	12.33	256.17	94.58
181	13.75	269.92	104.33

Total Deg. days (0) for June/83 = 208.33

ST. GEORGES BAY NFLD ... continued

Station	Depth	Latitude	Longitude	Start
79	19.0	48.47	58.47	May 16, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
182	12.58	282.50	112.92
183	12.33	294.83	121.25
184	13.08	307.92	130.33
185	12.08	320.00	138.42
186	11.92	331.92	146.33
187	12.92	344.83	155.25
188	13.92	358.75	165.17
189	14.00	372.75	175.17
190	13.33	386.08	184.50
191	13.75	399.83	194.25
192	13.58	413.42	203.83
193	12.17	425.58	212.00
194	10.25	435.83	218.25
195	10.58	446.42	224.83
196	12.58	459.00	233.42
197	11.42	470.42	240.83
198	11.08	481.50	247.92
199	13.67	495.17	257.58
200	14.33	509.50	267.92
201	13.50	523.00	277.42
202	13.00	536.00	286.42
203	13.00	549.00	295.42
204	12.75	561.75	304.17
205	12.33	574.08	312.50
206	11.00	585.08	319.50
207	9.67	594.75	325.17
208	9.33	604.08	330.50
209	9.67	613.75	336.17
210	10.58	624.33	342.75
211	13.67	638.00	352.42
212	14.58	652.58	363.00

Total Deg. days (0) for July/83 = 382.67

213	13.25	665.83	372.25
214	13.67	679.50	381.92
215	14.58	694.08	392.50
216	14.17	708.25	402.67
217	13.67	721.92	412.33
218	13.92	735.83	422.25
219	14.67	750.50	432.92
220	14.58	765.08	443.50
221	14.42	779.50	453.92
222	13.25	792.75	463.17
223	14.08	806.83	473.25
224	13.83	820.67	483.08
225	13.25	833.92	492.33
226	11.33	845.25	499.67
227	11.75	857.00	507.42
228	11.67	868.67	515.08

ST. GEORGES BAY NFLD ... continued

Station	Depth	Latitude	Longitude	Start
79	19.0	48.47	58.47	May 16, 1983 20:00 GMT

Day number	Mean temp.	Deg. day (0)	Deg. day (4)
229	12.33	881.00	523.42
230	12.83	893.83	532.25
231	12.25	906.08	540.50
232	12.00	918.08	548.50
233	13.75	931.83	558.25
234	14.17	946.00	568.42
235	13.42	959.42	577.83
236	14.83	974.25	588.67
237	12.83	987.08	597.50
238	14.17	1001.25	607.67
239	15.00	1016.25	618.67
240	12.42	1028.67	627.08
241	9.92	1038.58	633.00
242	8.42	1047.00	637.42
243	8.17	1055.17	641.58

Total Deg. days (0) for Aug/83 = 402.58

244	9.50	1064.67	647.08
245	9.42	1074.08	652.50
246	10.33	1084.42	658.83
247	11.33	1095.75	666.17
248	13.00	1108.75	675.17
249	13.50	1122.25	684.67
250	13.58	1135.83	694.25
251	13.58	1149.42	703.83
252	15.25	1164.67	715.08
253	14.17	1178.83	725.25
254	13.25	1192.08	734.50
255	13.50	1205.58	744.00
256	14.75	1220.33	754.75

Estimated Deg. days (0) for Sept/83 = 381.15